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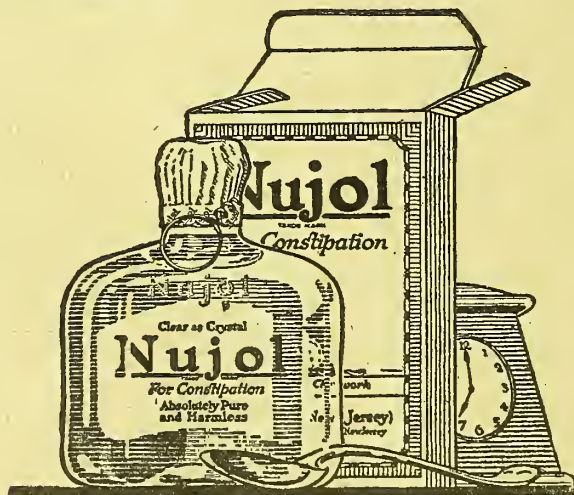
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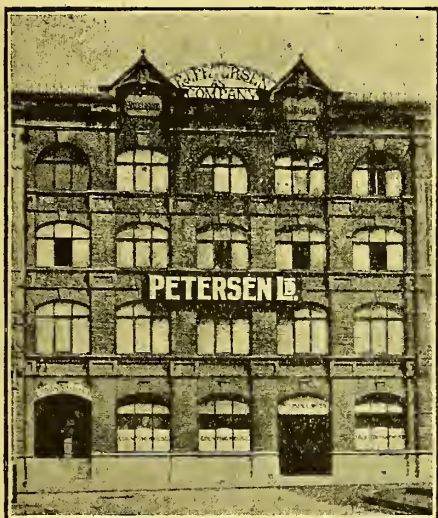
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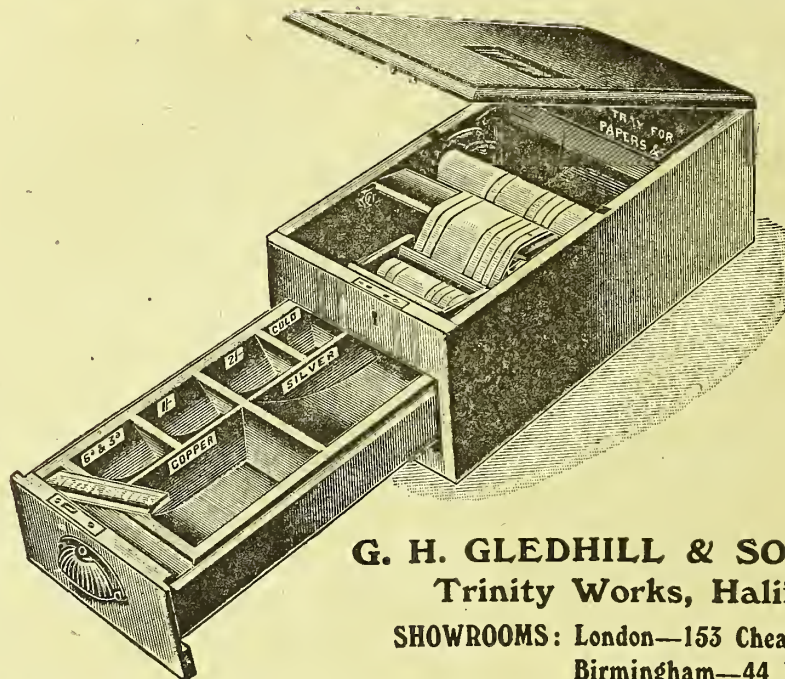
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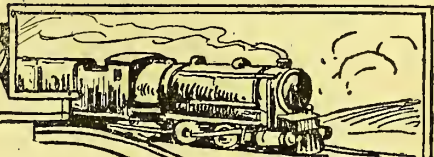
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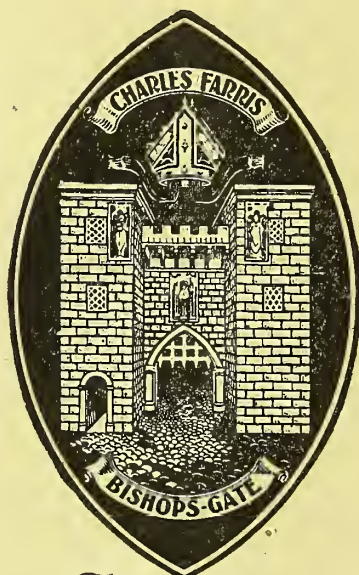
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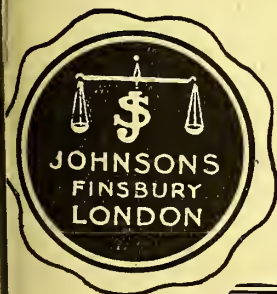
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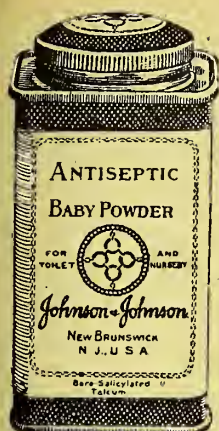
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and Trade Mark.

WARNING.

The package is being imitated, but the contents and the trade mark are inimitable and the name of Johnson & Johnson is the Hall-mark for Quality.

Antiseptic Baby Powder

Johnson & Johnson.

← Minimum Retail Selling Price P.A.T.A. 10½d. per package.
← Cost 7/- per dozen net.

We are now in a position to supply THE ORIGINAL Antiseptic Baby Powder from our London warehouse.

EMPTY CONTAINERS. How to help in a War Economy.

AS it is very difficult to obtain an adequate supply of the containers for the Antiseptic Baby Powder, we consider it a National Duty at this time to endeavour to conserve these and save material and labour wherever possible. With this object in view we are prepared to make a substantial allowance for all empty containers returned to us in good condition, not scratched. For full particulars as to this allowance look for the notice which is sent out with the orders for this Antiseptic Baby Powder.

JOHN TIMPSON & CO., Ltd., 104 & 106 Golden Lane, London, E.C.1

Phone: City 6910-6911.

Telegrams: "Porous London."

ANZORA

IS BOOMING

The demand for it has increased at a surprising rate, and we regret that many of our friends have had to wait for supplies, but we are now overcoming this difficulty.

If you have not as yet stocked Anzora, make up your mind to do so now and push it as your leading line—it will pay you well. Don't forget we back you with:—

**Forceful Publicity.
Attractive Showcards.
Handsome Profits.**

FOR

ANZORA CREAM (non-greasy) and ANZORA VIOLA (for dry scalps) are the finest fixatives for the hair ever produced. Do not offer substitutes—they are bound to disappoint customers.

TRADE } 11/6 per doz., retailed at 18/-
TERMS } 19/6 " " " 30/-

OBTAINABLE FROM ALL WHOLESALERS.

IT

MASTERS THE HAIR.

Anzora Perfumery Co.
28, 32, 34 Willesden Lane, N.W. 6.

ZENOBIIA LTD.

have pleasure in announcing that their

NEW PRICE LIST

is now ready, and, together with a copy of their General Catalogue, will be forwarded post free on application.

ZENOBIIA CONDENSED PERFUMES

The new and greatly improved series of condensed perfumes is being very extensively advertised and retailed at

3/-, 6/- and 12/6 per bottle.

Trade prices:

27/-, 54/- and 108/- per dozen
less usual discount.

ZENOBIIA LTD.

Loughborough, Leicestershire

CARMOL MANUFACTURING CO.

28 Bath Row, Birmingham.

Have you a Nostrum ?

Let us SELL it for you.

Have you a Speciality ?

Let us PACK it for you.

Have you a Formula ?

Let us MAKE it for you.

Have you an Idea ?

Let us DEVELOP it for you.

Our Organisation is at YOUR service.

Write to us—we shall be pleased to hear from you.

Toilets, Pharmaceuticals, Tablets—EVERYTHING FOR THE PHARMACY

'Ongard' Guarded
Coil
Safety Pins 
RUST
PROOF.

For Surgical & Nursery Purposes.

SOLE MANUFACTURERS
GEORGE GOODMAN LTD.,
BIRMINGHAM.

Stocked by JAMES L. HATRICK & CO., LTD.,
70 St. John St., Clerkenwell Rd., LONDON, E.C. 1.

BIDWELLS' LTD.
invite inquiries
for
HAIR BRUSHES.
Good Value.

AXMINSTER

DEVON.

FACE CREAM. TOOTH POWDER. NAIL POLISH
„ POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

*Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.*

A. CONNELL & CO., 3 Jewry Street, LONDON, E.C. 3
PHONE—AVENUE 1945.



DIADEM

Complexion Wax

Completely supersedes the customary greasy Toilet Creams. Is most pleasant in use and commands ready sales. Attractively produced in elegant large jars.

DIADEM

Crème Rouge

Gives an undetectable and natural colour to the cheeks. Far more convenient in use than the existing dry rouges. Easily removable whenever desired. In dainty jars.

DIADEM

Vanishing Cream

A cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style. Handsome profits for you in selling.

DIADEM

Face Powder

Possessed of the elusive fragrance of Diadem Cream, adheres readily to the skin. Made in Blanche, Naturelle, Rachel, Rose and Sunburn tints. Packed in large artistic boxes in the distinctive Robartes' style and colouring. A sure seller.

DECOLTENE

The liquid hair remover

The intelligent depilatory. Simple, safe, effective, and harmless. Can be used while performing the toilet. Daintily packed.

Dinkie

The Dainty Deodorant

An attractive line that enjoys good sales. A greaseless cream that takes all odour out of perspiration. Packed in attractive jars.

TRADE TERMS.

DIADEM FACE POWDER	P.A.T.A. 2/6	Trade per doz. 20/-
" COMPLEXION WAX	" 2/6	" " " 20/-
" CRÈME ROUGE	" 2/6	" " " 20/-
" VANISHING CREAM	" 3/9	" " " 30/-
DECOLTENE DEPILOTORY	" 3/9	" " " 30/-
DINKIE DEODORANT	" 2/6	" " " 20/-

Artistic Showcards and Counter Matter free on request.

Robartes, Ltd. Preparations are obtainable from all leading wholesale houses.

Largely advertised in all the leading dailies, weeklies and monthlies.

Further particulars and descriptive booklet forwarded on request.

ROBARTES LTD.,

128, Jermyn Street,
LONDON, S.W.1.

AGENTS WANTED
for the
South African,
New Zealand and
Canadian Markets.

BRITISH MADE TIN FOIL

Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, food-stuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
1, Great Tower St. E.C.
London
England



EVEN WHEN
UPSIDE DOWN
the contents do
not leak if the
bottle is capped
with

SEMREH
BOTTLE CAPS.

They provide a
Hermetic Seal.

THE VISCOSE
DEVLPT. CO., LTD.
BROMLEY : KENT.

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat
all others."

Sole Pioneer and Only
English Manufacturer :

LESLIE GATES
HAILSHAM, SUSSEX.

Another New Speciality.—Try my
TRANSPARENT SHEEP BAUDRUCHE
CAPPING SKINS.



ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

"Strodonia" VANISHING CREAM

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

1 dozen 7½d. selling for 11 3
" 1/- " " 9 0

For 10/- cash with order, carriage paid. 20 3

7½d. and 1/- - - - 5/6 and 9/- per dozen.

From London Wholesalers.

Direct Orders value £5 subject to 10% discount and 1 doz. 1/- size bonus for window display, showing 38% on Turnover.

STRODE COSH & PENFOLD, Manufacturing Chemists, LOWER UNION ST., BRISTOL.



FOR 1919
WATCH OUR
BIG ADVERTISING
SCHEME FOR

SNOWLEEN

and Order Now to prevent disappointment to
your Customers.

*We will send free to any Chemist a sample of above
with Prices and Bonus Terms on receipt of address.*

SHOWS A BIG PROFIT.

WELL ADVERTISED.

QUICK SALES GUARANTEED

PRICES

Per doz. ...	7/9
Gross ...	92/-

BONUSES

$\frac{1}{2}$ gross receives $\frac{1}{2}$ dozen free.

1 " " $1\frac{1}{4}$ " "

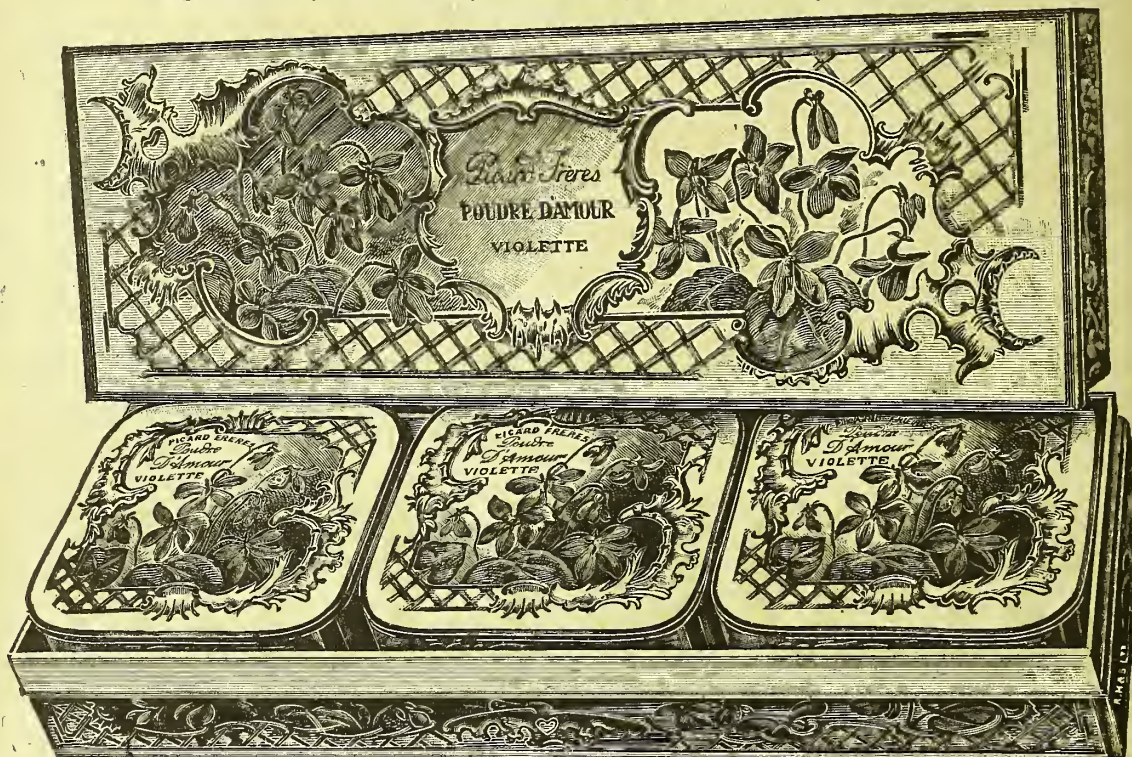
Protected Price 1/-.



WHITE BAND MFG. CO., Ltd.
SOUTH CROYDON.

PICARD FRÈRES' POUDRE D'AMOUR.—Floral Series.

CARNATION, GIROFLÉE, VIOLETTE, SWEET PEA, or ROYAL.



Packed three boxes in each outer, and labelled in colours, each odour being represented by the flowers, as above illustration of the Violette, 11/6 doz. Special quotations for quantities.

When ordering kindly state Poudre d'Amour, Floral Series.



PICARD FRÈRES' BRILLANTINE

(About 4½ oz.)

No. 4658

ASSORTED PERFUMES

24/6 PER
DOZ.



The Shaving Stick with the Creamy Lather.
Enclosed in a handsome nickelled case.
11/- per doz. ; 129/- per gross.

Subject to 2½ per cent. Discount.

A copy of our Monthly Illustrated List will be sent on application.

R. HOVENDEN & SONS, LTD.

29, 30, 31, 32 & 33 BERNERS ST., OXFORD ST., W. 1. Tel. No.: Museum 2810 (3 lines).
And 89, 91, 93 & 95 CITY RD., FINSBURY, E.C. 1. Tel. No.: 6260 London Wall (2 lines).
Factory: 41 to 53 BRITANNIA ROW, ISLINGTON, N.

LONDON.



The EVAN WILLIAMS'
ORIGINAL
Henna Shampoo

There is No Greater Attraction
or better selling line than
EVAN WILLIAMS'—
THE ORIGINAL AND ONLY
GENUINE HENNA SHAMPOO.

The Evan Williams' factory is wholly devoted to the study, development and production of Evan Williams' Original Henna Shampoo. We are the Henna Specialists. Our reputation relies upon the maintenance of an extremely high standard of quality, therefore you are only safe in stocking the Evan Williams' Original Henna Shampoo—

THE SHAMPOO WITH A REPUTATION.

By stocking this wonderful Hair Rejuvenator and Beautifier you will attract the best class of trade to your establishment.

The EVAN WILLIAMS Co. Ltd.
18 & 18a OGLE ST. FOLEY ST. LONDON W.I.

(3)



The Finest Quality
Aerated Waters are
made only with
the Finest Quality
ESSENCES

Boake
Roberts'
Soluble Essences are
of the finest quality
and being extremely
concentrated are
most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash Vanilla

A. Boake Roberts & Co. L^{td}.
Stratford, London.

A PROFITABLE INVESTMENT.

'Blighty'
REG TRADE MARK

BURGUNDY MIXTURE

For Prevention of Potato Blight and other Plant Diseases.

THE Horticultural Section of the Mond Nickel Company Ltd., are putting on the market shortly a new and most effective horticultural spraying mixture which is *much* in advance of anything hitherto produced in this line.

The mixture has satisfactorily emerged from rigorous experiments and trials which were conducted last year to test its efficacy in the prevention of Blight, and the successful results obtained have called forth from the Food Production Department of the Board of Agriculture a letter, of which the following is an extract:—

"So far as the results of the trials conducted by the Department last year have been tabulated, they show that "Blighty" Burgundy Spraying Mixture has given good results, and the Department is satisfied as to its efficacy in preventing Blight."

THE NEW MIXTURE WILL BE WIDELY ADVERTISED

1. Through the medium of the Press
 2. By special illustrated booklets
 3. By descriptive folders
 4. By various pictorial show sheets
- Supplies of 2, 3 and 4 will be circulated to the trade, on application, in due course.

"BLIGHTY" will be packed in 1-cwt., 56-lb., 28-lb., and 14-lb. bags; also in 24-lb. and 12-lb. Fiberite packing cases, containing 4-lb., 2-lb. or 1-lb., printed cartons.

Order now and thus avoid disappointment later in the season:—

"BLIGHTY" BURGUNDY MIXTURE

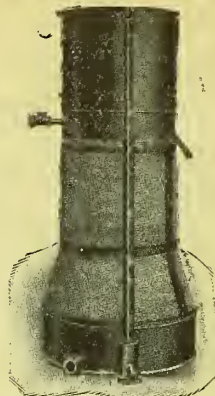
AND
COPPER SULPHATE (Crystals or Powder) "Maple" Brand
which is of the highest purity—98/99% guaranteed.

Sole Manufacturers:—

THE MOND NICKEL COMPANY, LTD.
(Horticultural Section)

39 VICTORIA STREET, LONDON, S.W.1.

Prices and full particulars on application. Write for free descriptive Booklets and Folders.



TO MANUFACTURING AND WHOLESALE DRUGGISTS, &c.

We beg to call attention to the fact that our well known Patent Stills are made for heating by steam pressure. Where this is available it forms a very cheap and efficient method of obtaining distilled water. Any pressure will suit from 10 to 200 lb., made in various sizes to produce from 1½ to 15 gallons PER HOUR. Cost of distilled water made this way is practically nil. As with our Gas Stills, these are perfectly automatic.

For producing up to
1½ gallons per hour, 9 gallons per hour,
5 " " 15 " "

Please Inquire for Quotation.

The few most important places we give below afford evidence of the quality, efficiency and economy of the Steam Stills: National Physical Laboratory, 2 in use; Imperial College of Science, 8 in use; University of Wales; Pharmaceutical Society; Guy's Hospital Bacteriological Department; and many of the leading Breweries and Drug Houses, etc. etc. Pamphlets & particulars forwarded on application

Estimates submitted free if required for supplying and fitting complete.

BROWN & SON, Alembic Works, 9 Wedmore St., Holloway, N.

**USE UNSKILLED LABOUR DO WORK
QUICKER, SAVE LABOUR.**

Labour-Saving Machinery

**FOR GLASS BOTTLE FILLING,
JAR FILLING, SHALLOW TIN FILLING,
FLASK, CAN AND DRUM FILLING.**

Machines for filling all liquids and semi-liquids in any shape or size of receptacle. Write for particulars.

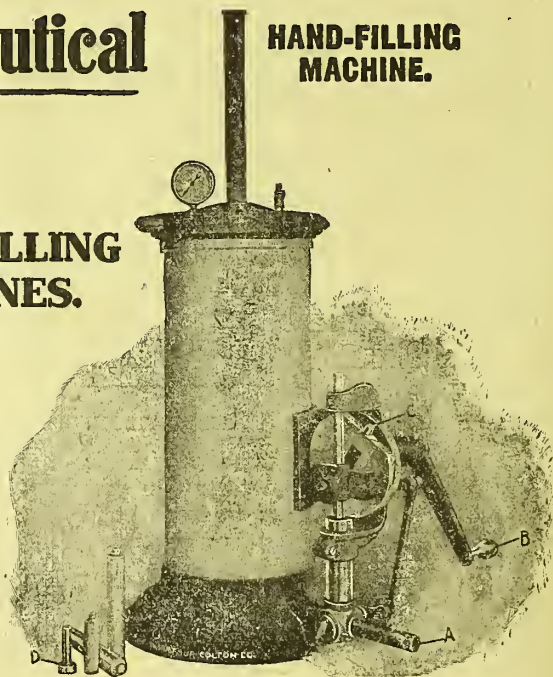
**Roberts' Patent Filling Machine Co.
BOLTON.**

Labour-Saving Machinery, in comparison to what it can save, NEVER COSTS SO LITTLE AS NOW.

**Colton's Pharmaceutical
Machinery.**

**COLLAPSIBLE TUBE FILLING
and CLOSING MACHINES.**

**TABLET AND
PILL PLANT,
etc.**



**HAND-FILLING
MACHINE.**

JOHN J. GRIFFIN & SONS, LTD., KINGSWAY, LONDON, W.C.

SAVE 3/- PER GALLON
BY BUYING

**GUARANTEED GENUINE
NEWFOUNDLAND NON-FREEZING
MEDICINAL COD LIVER OIL
OF NEW SEASON'S MAKE.**

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL"

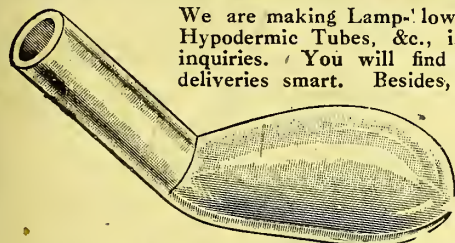
Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

Established 1780.

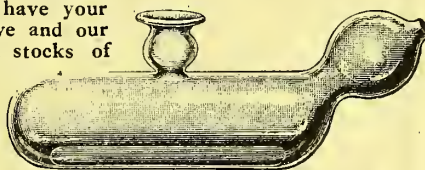
JULES LANG & SON

Sole Proprietor :
FERNAND RENE LANG



We are making Lamp- blown Glassware, such as Ampoules, Hypodermic Tubes, &c., in England. Let us have your inquiries. You will find our prices competitive and our deliveries smart. Besides, we also have varied stocks of Glass Bottles.

Send us your inquiries and ask for our Stock List.



Nasal Douche

Telegs.: "Assorted, Norder, London."

Telep.: North 1344-5 (2 lines).

Charlton Works, Charlton Place - ISLINGTON, LONDON, N.1.

WOOD PULP VESSELS, Ltd.

MANUFACTURERS & EXPORTERS OF

WOOD PULP VESSELS

FOR CONFECTIONERS, CHEMISTS, GROCERS,
JAM MANUFACTURERS, DAIRIES, &c. &c.

OFFICES AND FACTORIES:

233-235 Queen's Road, BATTERSEA, LONDON, S.W.

NOTICE

THE THERMOGENE COMPANY desire to inform their friends that the unprecedented demand for Thermogene lately experienced has taxed the capacity of the Works to the utmost. Some delay in delivery has taken place. It is confidently hoped, however, that the trouble will soon be overcome. In the meantime buyers are informed that no advantage can be gained by diverting their orders to the Thermogene Company, as these will be returned with a request to apply to usual wholesaler.

THERMOMETERS AND HYDROMETERS

Clinical and Chemical Thermometers of high quality a special feature.

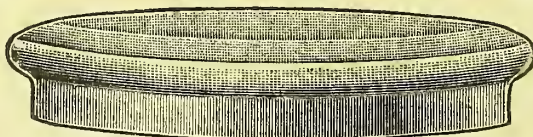
A. T. REYNOLDS, Barnsbury Hall, Barnsbury Street,
LONDON, N.1.

Immediate Delivery. MERCURY bought to any amount for cash. Wholesale and Export.

KUR-MANGE

THE CERTAIN REMEDY
FOR
PARASITIC MANGE
IN
HORSES, CATTLE, DOGS, &c.

BOXES OF 1 doz. 1/6 packets, 12/- per box. On P.A.T.A. list.
McDOUGALL BROS., Ltd., 66/68 PORT STREET, MANCHESTER.



CELLULOID CAPS

for Pots and Bottles.

F. W. DUROSE,

45 Queen Street, SMETHWICK, BIRMINGHAM.

Telegrams: "Durose Smethwick."

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. LD.

The Largest Makers in the Kingdom,
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

Be on your guard against fraudulent Aspirin Tablets

RECENT EXPOSURES

by the

**"Chemist
and
Druggist"**

"Our subscribers should beware of certain Aspirin Tablets which are being offered for sale on a large scale at the present time, not only to large retail buyers, but to wholesale houses. A sample of these tablets offered recently as containing 5 grains of Aspirin (acidum acetyl-salicylicum, B.P.) was found to contain only $3\frac{1}{2}$ grains of Aspirin, the weight being made up with French chalk, starch and a reducing sugar. This fraud is likely to entail unpleasant consequences to those who do not carefully examine the tablets offered."—Vide *Chemist and Druggist*, Oct. 19, 1918, page 43.

The president of a chemical company established in the United States has been arrested for manufacturing and marketing fraudulent Aspirin Tablets which were found to contain only talc, starch and a little salicylic acid. Nearly 400,000 tablets were confiscated.—Vide *Chemist and Druggist*, Jan. 18, 1919, page 43.

These examples prove that the need for caution when buying is very real.

Sell

'TABLOID' BRAND Aspirin

(Trade Mark)

**Its quality
protects
your
business
reputation**

It carries Burroughs Wellcome & Co.'s guarantee that each product is prepared from acetylsalicylic acid of the highest possible purity, contains the full stated weight of the pure acid, and is free from objectionable admixture such as talc or boric acid.



For the Busy Pharmacist.

A Reliable WINTER LINE. SELLS WELL—GOOD PROFIT, and gives Entire Satisfaction to the Public.

MD COUGH CURE

RETAIL, 1/3	WHOLESALE, 10/- per doz.	} Less our Profit-Sharing Discount of 10%
„ 2/3	„ 18/- „	
„ 4/-	„ 32/- „	

This line is cartoned in an attractive, forceful and saleable style.

Large Window Bill and Showcard Supplied. Send at once for Sample Assorted Gross, Carriage Paid. Only qualified Chemists supplied.

CUPAL LIMITED, BLACKBURN.

MEDICAL INDIA RUBBER GOODS OF ALL DESCRIPTIONS

Air Beds	Hypodermics
Air Bed Bellows	Hot Water Bottles and Covers
Air Cushions and Pillows	Muff Warmers
Atomizers	Nursing Aprons
Bandages	Pessaries
Bed Pans	Rectal Tubes
Camp Pillows	Sheeting
Catheters	Sponge Bags
Corks	Syringes
Douches	Teats
Drainage Tubing	Urinals
Douche Tubing	Water Beds,
Gloves	Cushions and Pillows
Hosiery	Webbing

HOOPER & COMPANY (Established 1847)

7 PALL MALL EAST

LONDON, S.W. 1

Telegraphic Address: "Superabound, Charles, London" (two words).

Telephone No.: Regent 2935.

Beg to announce to the trade that they can now offer prompt delivery of the above goods from their large and varied stock in hand. Samples and prices will be forwarded on application.

ALSO AGENTS FOR

HOOPER, STRUVE & CO., Ltd., "BRIGHTON SELTZER WATER,"
7 PALL MALL EAST, LONDON, S.W. 1.



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in Australia, New Zealand and South Africa.

SUBSCRIPTION RATES.

FIFTEEN SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy, 6d.; *Diary* 3s. 6d. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 15s., franco.
Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 15 ch., franco.

Terms for advertising may be obtained on application to the Publisher.
Head Office: 42 CANNON STREET, LONDON, E.C. 4.
Telegrams: "Chemicus, Cannon, London." Telephone Central 3617 (three lines).
Branch Offices: MELBOURNE AND SYDNEY, AUSTRALIA.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, February 11.

Public Pharmacists' Association, St. Bride Institute, Bride Lane, Ludgate Circus, London, E.C., at 7.45 p.m. Annual general meeting.

Wednesday, February 12.

Royal Society of Arts, John Street, Adelphi, London, W.C. 2, at 4.30 p.m. Sir Frank Heath, K.C.B., on "The Government and the Organisation of Scientific Research."

Manchester Pharmaceutical Association, Chess Club Room, 65 Market Street. Address by Mr. L. Moreton Parry, member of the Pharmaceutical Council.

Sheffield Pharmaceutical and Chemical Society, Literary and Philosophical Society's Rooms, Church Street, at 8.30 p.m. Mr. Herbert Skinner, Ph.C., member of the Pharmaceutical Council, on "What we Mean by Progressive Pharmacy."

Leeds Chemists' Association, Grand Hotel, at 8 p.m. Mr. S. W. Woolley, Ph.C., Editor of THE CHEMIST AND DRUGGIST, on "New British Industries."

Newcastle-on-Tyne Pharmacists' Association, County Hotel, at 3.30 p.m. Address by Mr. W. L. Currie, President of the Pharmaceutical Society; at 6 p.m., tea (tickets 2s. 6d. each); at 6.45 p.m., ordinary meeting, followed by music.

Thursday, February 13.

West Ham Association of Pharmacists, Anderson's Hotel, 5 Scot Street, London, E.C., at 6 p.m. Annual dinner. Tickets (7s. 6d. each) from Mr. A. Catto, 49 Cranbrook Road, Ilford.

North London Pharmacists' Association. Meeting postponed to February 20.

AMALGAMATED SOCIETY OF PHARMACISTS, DRUG AND CHEMICAL WORKERS.—A concert will be held at the Cannon Street Hotel, London, E.C., on February 20, at 7.30 p.m. Tickets (1s. and 2s., exclusive of tax) from Mr. Hawkins, Organising Secretary, 31-33 High Holborn, W.C. [Corrected notice.]

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Altered.

Since our last issue the following Regulations or Orders under the Defence of the Realm Act have been altered or suspended. The references are to *The Chemist and Druggist Diary*, 1919:

P. 75. *Whale Oil*.—The Whale Oil Order, 1916, has been suspended.

Condensed milk may now be stocked by householders in quantities not exceeding twenty-four tins.

Benzol may now be purchased for use in motor vehicles without the production of a motor spirit licence.

Sugar.—The Royal Commission on the Sugar Supply state that there is no immediate prospect of the price of sugar being reduced.

Prices for Clinical Thermometers.

The South-East London Chemists' Association suggested some time ago that endeavours should be made to fix minimum retail prices for clinical thermometers. The matter has been discussed by the Trade Sub-Committee of the London County Pharmaceutical Association, which suggests the following prices:

$\frac{1}{2}$ minute magnifying (lens) (48s.)	minimum retail price	6s. 6d.
$\frac{1}{2}$ " plain (45s.)	"	6s.
1 " lens (51s. 6d.)	"	5s. 6d.
1 " plain (28s. 6d.)	"	5s.
2 " lens (51s.)	"	4s. 6d.
2 " plain (28s.)	"	4s.

Contracts.

The following War Office contracts have been notified:
Candles.—Ogston & Tennant, Ltd.; Price's Patent Candle Co., Ltd.; Wilkie & Soames. *Chemical Outfits*.—Townson & Mercer, Ltd. *Dental Outfits*.—C. Ash, Sons & Co., Ltd. *Medicines*.—Procter, Johnson & Co. *Methylated Spirit*.—W. T. Alexander; Bellingham & Co., Ltd.; B. Biggs & Co., Ltd.; S. Bowley & Son; The Bristol Distilling Co., Ltd.; J. Burroughs, Ltd.; Jones & Co.; J. & D. Macnair & Co.; Prestons Liverpool Distillery Co.; Sutton, Carden & Co., Ltd.; Waters & Co., Ltd. *Soap*.—W. Gossage & Sons, Ltd.; Lever Bros., Ltd.; E. Morton & Co.; Price's Patent Candle Co., Ltd. *Surgical Appliances*.—G. Moore; E. Shrimpton & Fletcher.

The following tenders have been accepted by the bodies named:

Ludlow Guardians.—Mr. W. M. Woodhouse, chemist and druggist, drugs.

Wrexham Guardians.—Francis & Co., chemists, drugs, etc.

Birmingham.

Dr. A. Bostock Hill has retired from the offices of medical officer of health and public analyst for Warwickshire, to which he was appointed in 1876.

The extension of the City tramways to Longbridge and Rednal will cause pharmacy to cast eyes on this rapidly developing district, where there is at present no pharmacy.

Sergeant William Robert Marsland, the only man connected with Birmingham University to receive the Military Medal, was formerly a pupil of Mr. F. H. Alcock, F.I.C., Ph.C.

On January 31 the sale by auction of the stock, fixtures, etc., of the pharmacy of Mr. H. T. Roper-Hall, Dogpool, Selly Park, who is retiring from business, took place. There were no catalogues, but excellent prices were realised.

Cream for infants and invalids may, as everyone knows, only be supplied on a medical certificate: it is surprising how large is the number of medical men's wives who come under the second heading. So, at least, says a local milk-vendor.

The funeral of the late Sir James Sawyer, whose death was recorded in the *C. & D.* last week (p. 49), took place on January 30 at Haseley, Warwickshire. Among those present was Captain E. C. Bennisson, Ph.C., First Southern General Hospital, Birmingham.

Isle of Man.

The House of Keys has carried a motion to have a Bill prepared on National Insurance, an amendment to extend the English Act to the island being defeated. So far, chemists have not been affected by the Insurance Acts. As prescribing and dispensing are practically separated in the larger towns, it is hardly likely that chemists will welcome the advent of Insurance work.

Chemists and doctors have had a very busy time during the last few weeks, owing to a serious epidemic of influenza. The Lieutenant-Governor has issued a proclamation which orders the suspension of all afternoon performances at cinemas and theatres and restricts the evening opening to two hours, children under sixteen years of age being forbidden to attend such performances. Perhaps the most drastic regulation is that requiring all cinemas, theatres, factories, shops, railway carriages, and trams to be disinfected daily with formalin or some other disinfectant approved by the authorities. There has been a great run on the sale of such remedies as aspirin and quinine.

Liverpool.

Large consignments of perfumes are to hand, and the demand continues good.

A drying and searing east wind is doubly embarrassing in the present shortage of throat lozenges.

A woman called at a central pharmacy the other evening and exhibited a parcel of hair. "What about the other woman?" queried the man behind the counter. "It's not that; it all fell out at once," was the reply, "and I want to save the rest." A transaction in liquid soap resulted.

Mr. George Inman has sold his Dale Street pharmacy to Mr. W. J. L. Pickersgill, who was trained at Rhyl, and has since been assistant with Bullock & Co. (London) and Clay & Abraham. Mr. Inman, who has worked hard during the war, is taking a holiday in the South before resuming his activities in connection with another branch of the drug-trade. Mr. Pickersgill has been elected a member of the Liverpool Chemists' Association.

Nottingham.

Trade continues to be brisk. So far there has been no recrudescence of influenza. *A propos*, a well-known Nottingham doctor has expressed the opinion that nervous people contract influenza through sheer fright and consequent lowering of their power of resistance.

It is proposed to register the Boots Pure Drug Co.'s Provident Fund as a co-operative society. By this means the same advantages will be obtained with regard to income-tax and kindred matters as are enjoyed by Boots' United Chemists' Pension Fund and Friendly Society.

Several local chemists complain of an increase, lately, in the amount of petty pilfering from their counters. Soaps and perfumes seem to possess an irresistible fascination. A favourite trick is to present a prescription, and then to "get busy" while the chemist's back is turned. One establishment was relieved of a couple of valuable sponges the other day in this fashion.

Sheffield.

Several assistants have taken up their duties again after release from military service.

Mrs. Mason, chemist and druggist, has been given the management of Mr. F. Medley's Fivale branch.

Mr. H. Antcliffe has been elected by the South Yorkshire Poor Officers' Association, Incorporated, as a representative councillor.

Lieutenant L. Skinner, R.A.F., who has often contributed to the local Society's musical evenings, has been awarded the Belgian Croix de Guerre.

It is understood that the University authorities would favourably consider opening a pharmaceutical department for a reasonable number of students.

Sheffield chemists, who for some unknown reason have been unable to obtain a seat on the N.-E. Midland pricing bureau for one of their number, will be pleased to hear that Derby has selected Mr. W. Elmitt, chemist and druggist, Osaston Road, for a seat upon the Committee of the institution.

Miscellaneous.

RAMSAY MEMORIAL FUND.—The Treasurers of this Fund have received 41,000*l.* towards the sum of 100,000*l.* for which the appeal was issued. The Treasurers are Lord Glenconner and Professor J. Norman Collie, University College, London.

POISON-LICENCE APPLICATIONS.—Applications for agricultural-poison licences have been made to the respective authorities by Messrs. W. Rigby, herbalist, 15 Market Street, Hindley, and J. Pike, 12 George Street, Richmond (Surrey).

ENEMY PATENTS.—British Dyes, Ltd., are applying for a licence to use the Baekeland patents 1921/08, 1922/08, 21,566/08, 26,614/11, 6293/12, 6294/12, and 7284/15 referring to condensation products of phenol and formaldehyde and their applications. The hearing will take place at the Patent Office on February 14.

ROYAL INSTITUTION.—A bequest of 300*l.* has been received from the executors of Dr. T. Lambert Mears, and a dona-

tion of 50*l.* has been received from a member in celebration of his fiftieth year of membership. Mr. A. J. Walter, K.C., has been elected a manager to fill the vacancy caused by the death of Sir Charles N. Nicholson, Bart.

DEATH FROM FUMES.—The death of a workman named Cooper, in the employ of H. Crowther & Co., manufacturing chemists, Leeds, was said, at a recent inquest, to have been accelerated by inhaling fumes arising from a burst nitric-acid retort. It was mentioned that the firm provide respirators, but the men prefer to tie a handkerchief over the mouth and nose.

CHELTEMHAM WATERS.—The Cheltenham Town Council has decided to provide complete installations of medical baths, to develop the water drinking at the various pump-rooms, and to extend the social entertainments for visitors, so as to secure much of the patronage that hitherto went to Continental resorts. Cheltenham waters are similar to those of Karlsbad and Marienbad, and quite as efficacious.

RETIRED CHEMIST'S SUICIDE.—An inquest was held at Scarborough on January 28 on the body of Mr. George Richard Snowden, retired chemist, 12 Pavilion Square, who was formerly in business at York. The evidence showed that he suffered from depression and insomnia. He was about to remove, and had for a few days been alone in the house. On the premises being entered on January 27 his body was found; death was certified as being due to coal-gas poisoning. An "Unsound mind" verdict was recorded.

IN THE COURTS.—At Marlborough Street Police Court, London, on January 30, R. C. Spurrin, charged on remand with having forged and uttered cheques (*C. & D.*, February 1, p. 43), was committed for trial, bail being allowed.

—At Stratford Police Court, London, on February 5, Weldrum Christie Storror, cashier, Gordon Road, Ilford, was sentenced to three months' imprisonment in the second division for stealing 100*l.*, the moneys of his employers, Lysol, Ltd., Warton Road, E. Mr. Sidney Horatio Marshall, a director of the company, stated in evidence that he had two very excellent references with the accused, whose employment dated from September 1918.

THE DOCTORS' DILEMMA.—A mass meeting of the medical profession was held at Wigmore Hall, London, W., on February 2, to consider the question of inaugurating a body representative of the whole profession. Dr. Fielding-Ould, who presided, said that those who had convened the meeting felt that steps should be taken to enable the great mass of general practitioners to play their part in advising and, if necessary, criticising the Government when questions of national health were under discussion. A resolution advocating the establishment of a body representative of the whole profession was carried by 182 votes to 93. Some of the speakers met with a turbulent reception, one amendment being negatived by 105 votes to 87, and a second by 73 to 71. Eventually, disorder continuing, the Chairman declared the meeting adjourned.

OFF-LICENCE APPLICATIONS.—On February 1, the Lancaster County Bench transferred to Mr. David Giddings, chemist and druggist, Winterdyne Terrace, Morecambe, the off-licence formerly held by his predecessor, Mr. H. Oldham. —At Aberavon Petty Sessions on February 3, John Hancock Williams, drug-store proprietor, Blaengwynfi, applied for an off spirit-licence. The application was opposed by local licence-holders and licensed victuallers. It was stated on the applicant's behalf that he hoped to qualify as a chemist within the next twelve months, and that he held a wine-licence. The Bench, by a majority, refused the application. —At Llandaff (Glam.) Licensing Sessions on February 3 Mr. Edmund George Howell, chemist and druggist, Cardiff applied for a wine-licence in respect of a shop at North Road, Gabalfa. Three solicitors opposed the application—two on behalf of other licensed victualling interests, and one for the residents of the area. One point raised by them was that medicated wines had been rationed to retailers who had been getting 75 per cent. of their 1917 supplies. Therefore, it was urged, as applicant had had no supply in respect of the shop in question during that year, he would get 75 per cent. of nothing. Applicant's case was that he could transfer some of the stock from his Whitechurch Road shop. The application was refused.

Mr. L. INGRAM, chemist and druggist, has purchased the business of Mr. W. H. Meyer at 3 Gravelly Hill Birmingham.

THE BUSINESS hitherto carried on at 27 Strait Bargate, Boston, has been transferred to Mr. E. A. Bailey, chemist and druggist, 9 Strait Bargate.

MR. OSWALD A. FRASER, chemist and druggist, has purchased the business of Mr. H. G. McKiligin, chemist and druggist, Cowdenbeath, who is taking a rest on medical advice.

Irish News.

The Pharmaceutical Society of Ireland.

The Registers of Pharmaceutical Chemists, Chemists and Druggists, Registered Druggists, and Assistants to Pharmaceutical Chemists for Ireland have been published this week, in accordance with the Irish Pharmacy Acts. The publication of the "Calendar," which usually included the statutory registers, has been suspended this year owing to paper difficulties and the increased cost of printing. The registers, which have been corrected to December 20, 1918, are sold at 2s. 6d., and are obtainable from the Registrar, Pharmaceutical Society of Ireland, 67 Lower Mount Street, Dublin.

The Chemists' and Druggists' Society.

An effort is being made to increase the membership of the Chemists' and Druggists' Society of Ireland, which was founded many years ago to protect the interests of chemists and druggists and registered druggists. Those who are in business for themselves can become members, whilst assistants are eligible for election as associates. A Sub-Committee has been appointed to deal with the membership question. Application forms can be had from Mr. S. Navin, Hon. Secretary, 11 Waring Street, Belfast.

Brevities.

Mr. Eugene MacSweeney, Ph.C., Patrick Street, Cork, has a neat notice in his window stating that saccharin, methylated spirit, and glycerin can now be obtained at his shop.

Orders sent out by Cork chemists to bottle-manufacturers for some time past have been returned in some cases with the information that bottles in the future must be ordered through wholesale houses.

Mr. William Taylor, son of Mr. W. S. Taylor, Ph.C., Enniskillen, has passed his Junior Freshman's examination in Trinity College, Dublin, preliminary to his entering the Medical School of the University.

During the past week chemists in Cork have disregarded the Lighting Order, and windows in all chemists' shops are now lit up. Chemists are also supplying all orders—even those outside medical and surgical appliances—after 5.30.

The Dean of Waterford unveiled at Carrick-on-Suir Protestant Church a tablet to the memory of Corporal Alan Moran Turner, Royal Irish Regiment, son of Mr. J. Tyrrie Turner, Ph.C., Carrick-on-Suir. Corporal Turner was drowned at sea last December.

In the course of the strike riots which took place in Belfast last week plate-glass windows were broken in various establishments, including those of William Dobbin & Co., wholesale druggists, North Street, and Mr. J. A. Bingham, Ph.C., Donegall Place.

Owing to the cutting off of the electrical and gas supplies of Belfast through the strike, the annual meeting of the North Irish Pharmacists' Association, which was fixed for Wednesday, February 5, was postponed. For a similar reason a social gathering arranged by the Chemists' and Druggists' Society of Ireland for the same date was postponed.

Many of the Cork chemists have not so far received the demand for the new scale of wages (reported in another column). Mr. P. J. Fielding, Ph.C., on receiving the notice, called his staff together and informed them that he was prepared to pay the new scales immediately. Mr. MacSweeney, on behalf of the employees, thanked Mr. Fielding, and said the staff were deeply grateful to him.

Arising out of the wrecking of the windows of Mr. Bingham's establishment on the night of January 29, a man named William McBrien was charged in the Belfast Police Court on the following day with the theft of a bottle of perfume from the premises. A constable found prisoner with a bottle of eau de Cologne protruding from his pocket. The Magistrates remanded accused on bail for a week.

Mr. J. E. O'Neill, J.P., registered druggist, Maghera, co. Derry, Vice-Chairman of Derry County Council, has been presented with an illuminated address and Mrs. O'Neill with a piano by the residents of Maghera and district on the occasion of their marriage. The members of the Maghera-felt Board of Guardians, of which Mr. O'Neill was Chairman a short time previously, also presented Mr. O'Neill with an illuminated address.

THE MAYWOOD CHEMICAL WORKS, New Jersey, U.S.A., inform us that the Schaefer Alkaloid Works, the Standard Essence Company, and the Thorium Chemical Company have been merged, and the business will be continued under the name of the Maywood Chemical Works.

Scottish News.

Brevities.

Two Greenock doctors, Dr. John B. Conner and Dr. Thomas Mowat, were accidentally poisoned in Dr. Conner's consulting room, and died in rapid succession. It is believed that one of them mixed a couple of "pick-me-ups," and that a wrong bottle was used.

It is felt that a strong plank in any platform of pharmaceutical reform should be the abolition of Sunday work—due provision being made and uniform fees charged for necessary medicines. By this means we could eliminate 90 per cent. of our present Sunday duty, writes a correspondent.

Edinburgh.

A chemist who purchased a supply of liquorice-root recently sold over 200 small packets of it in one day.

Saccharin has at last "gone off," and not a few grocers and dairies will be left with one relic of the Great War.

One of the good dispensing businesses is said to have been purchased by a pharmacist of a neighbouring burgh.

At the recent quarterly meeting of the St. Cuthbert's Co-operative Association, it was decided to close the shops at 6.30 on Fridays and Saturdays.

The supply of condensed milk has expanded wonderfully of late. Some of the city chemists' windows recall the pre-war little boy's conception of heaven as a place where one might openly and continuously sup the delectable product.

The other evening a chemist told a visitor that he could not dispense another prescription. "I expect to be working until ten with what I have in hand already," he added. "I've just come from the doctor's," said the client, "and I'd have liked it the night. I'll come in the morn' forenoon for it, though, as I'm not working this week." The visitor was one of our local strikers for a forty-hours' week!

The correspondence in the lay Press on the alleged difficulty of obtaining medicine after closing hours (*C. & D.*, February 1, p. 44) continues without adding much to public knowledge on the subject. "Suburban Chemist" scores a point by declaring that in his district "there are no less than six or seven shops where the owners live within a short distance of their places of business. The house addresses are usually printed on the doors."

A public notice, dated February 1, has been issued, announcing the intention of the local authority to make a closing order, under the Shops Act, 1912, for shops "in which the Retail Trade or Business of a Chemist and Druggist is carried on." The closing hours given are: Saturdays, 8 p.m.; other days, 7 p.m., subject to the obligations in force regarding the weekly half-holiday. Objections will be received, and the Register of Shops may be inspected, at the City Chambers during the present month.

On January 30 the staff and workers of Duncan, Flockhart & Co. held a "Victory social and dance" in the Egyptian Halls. The first part of the programme was occupied by a concert, at which Mr. Guyer, manager of the laboratories, presided. During the interval, Dr. J. L. Ewing, a member of the firm, presented Mr. Barrett, the senior employee, with a cheque on the occasion of having served fifty years with the firm. Mr. Guyer also presented Mr. Barrett with a wallet of notes and a framed illuminated address from the workers. Mrs. Barrett was presented with a hand-bag as a memento of the occasion. In the course of the speeches, references were made to the great progress of the firm and the happy relationship which always existed between employer and employee. At the conclusion of the concert light refreshments were served, and dancing followed. Over 450 were present on this unique occasion.

Glasgow.

The third Glasgow British Industries Fair is to open in the Kelvin Hall, Kelvingrove, on August 11. A Housing and Health Exhibition is to be held in the same hall, under the auspices of the Glasgow Corporation, in the autumn.

Glasgow and West of Scotland panel doctors discussed their bonus at a recent meeting, and decided that it was "a very slight recognition" of their "just demands." They also resolved to demand a capitation-fee of not less than 10s. per annum per insured person.

THE BUSINESS of Mr. R. R. Davis, chemist and druggist, High Street, Merthyr Tydfil, has been closed. Mr. Davis, who took the business in 1875 in partnership with a sister, and has since 1909 been the sole proprietor, was laid aside with illness recently, and in consequence decided to relinquish his connection.

Legal Reports.

A Packer's Dismissal.—In the City of London Court, before Mr. Registrar Wild, on January 28, George Morgan, packer, 28 Athelstone Road, Bow, discharged from the Army in April last, said he was employed by the defendants, Barclay & Sons, Ltd., druggists' sundriesmen, Farringdon Street, London, E.C., as a packer at a salary of 2*l.* a week. While working for them in November an empty case to on his head and he was away ill for some time. He had been discharged from the Army through an injury to his head. He sent a letter to the defendants, and afterwards took them a doctor's certificate. On his return to work he was told he was only a temporary hand, and a woman had been taken on in his place. For the defence, evidence was called to show that the plaintiff habitually absented himself from work. In December, after absconding himself for a week, there having been no report of an accident, plaintiff attended, and after working for two hours complained that he could not go on working because his bench was too near the lavatory. Plaintiff was not discharged, but had discharged himself, and was not entitled to the week's wages he now claimed. The Registrar found for the defendants.

Carr's Fever Powders.—In the Chancery Division on January 31, before Mr. Justice Sargant, Mr. Adams, on behalf of Mr. Percy Carr Loseby, Wharf Street, Leicester, moved to restrain Wm. Wesson, Dronfield Street, Leicester, from selling, under the name of "Carr's Fever Powders," and in wrappers containing these words on the outside, powders which were not manufactured by the plaintiff. Counsel explained that the defendant was passing off a secret medicine invented in the forties by the late Mr. Wm. Carr, of Leicester. The plaintiff was the nephew of the son of the inventor. Defendant was deliberately imitating the plaintiff's wrappers, and selling therein a spurious powder. This was calculated to have a most serious effect, because the plaintiff's manager had had this matter brought to his notice by a customer who bought one of the powders from the defendant thinking that it was one of "Carr's Fever Powders" on account of the imitation wrapper. The powder did not have the usual beneficial effect. The powders, continued Mr. Adams, were sold by the plaintiff in very large quantities—over two million last year. Characterising it as a clear case of passing off his Lordship granted the injunction as requested. The defendant made no answer to the proceedings.

Spurious Beecham's.—At Reading Borough Police Court on February 4, John William Sheard, trading as James Bruce & Co., wholesale druggists, 11 Kilburn Square, London, was charged, on remand (see *C. & D.*, February 1, p. 43), with obtaining money by false pretences. Defendant pleaded "Not guilty." The case for the prosecution was outlined by Mr. Hatt, who said that the false pretences alleged against the defendant were that he had sold to shopkeepers boxes of pills which he falsely represented to be Beecham's. Evidence was given by Bertie Wilson, 512 Oxford Road, Reading, who paid 12*s.* 6*d.* for pills which defendant said were Beecham's pills. Mrs. Wilson, wife of the previous witness, said that when defendant called at the shop he asked her whether she wanted any Beecham's pills, and she replied that she had not yet stocked the pills, although she was often asked for them. Mrs. Edith M. Pickering, general shopkeeper, also deposed to defendant selling her pills which he represented to be Beecham's; and James Matthews, another shopkeeper, gave similar evidence. Mr. William Moss, St. Helens, in charge of the preparation and manufacture of Beecham's pills, said he examined the pills in question and found that they were not pills of Beecham's make. In general appearance they were somewhat similar to Beecham's. Detective-Sergeant Henderson, giving evidence of arrest, said that when told the charge defendant said: "You are on the wrong track. I take particular care to make it clear to people that the pills I sell are not Beecham's, but that we make them and they are similar." Defendant had 33*l.* on him, and a copy of the British Medical Association's book on "Secret Remedies." Defendant, giving evidence, said he was in business as a wholesale druggist, and sold a pill known as the "Magic Golden Herbal Pill," but he did not exactly manufacture it. He denied having said to the persons to whom he had sold the pills that they were Beecham's pills. He told his customers that his magic golden herbal pills were imitation Beecham's. The Bench held that there was a doubt in the case of Wilson, and that charge would be dismissed. There was, however, no doubt in the other two cases, and defendant would be fined 10*l.* in each, with the alternative of two months' imprisonment with hard labour. Defendant would also have to pay the Court costs—5*l.* 9*s.* 6*d.*

Pharmacy Act, 1868.—At Bow Street Police Court, London, on February 3, Joseph Taunton, chairman of Boutalls, Ltd., chemists, and Herbert Boyce, chemist and druggist, manager of the same company's shop at 5 Green Street, Leicester Square, W.C., were summoned for selling morphine tartrate without making entries of such sales in a book kept for the purpose. In a second summons they were summoned for selling the poison in wrappers not labelled with the name of the article and the word "Poison," in contravention of Section XVII. of the Pharmacy Act, 1868. Mr. Kirby (Neve, Beck & Kirby) appeared for the defence. It was stated for the Commissioner of Police that the case arose out of sales of morphine tartrate to a Mrs. Greswold, an old woman aged seventy-six, who had been for many years a confirmed drug-taker. She died on January 5, and an inquest was subsequently held (*C. & D.*, January 18, p. 34). In a statement made to the police before the inquest, Boyce said that he had supplied Mrs. Greswold with morphine tartrate for several years, sometimes once or twice a week, but did not record the sales in his register as she was an old customer, and the morphine was prepared according to a medical prescription she originally brought. In the opinion of the doctor, Mrs. Greswold's death was hastened by the morphine. Mr. Taunton had been joined in the summons as being chairman of the company, one of the persons on whose behalf or for whose benefit the alleged illegal sale was made. Mr. Kirby, for the defence, said that Mrs. Greswold applied for the drug in the first instance under a prescription which had been properly and regularly entered in the defendants' prescription book. There was nothing in the prescription to prevent its being repeated, and it was repeated from time to time. The requirements of the Section did not apply to a sale upon a prescription, and Mr. Boyce believed he was acting quite lawfully in continuing to supply it, although in consequence of medical advice he reduced the dose. Until a recent decision by Mr. Denman, it had never been suggested that it was necessary to make a fresh entry in the register for each sale of the prescription; but he was not prepared to dispute Mr. Denman's ruling, and therefore had to admit that Mr. Boyce had committed an offence in that respect. In regard to the summons for not labelling the envelopes, he submitted that if Mr. Boyce was guilty on the first summons—that for not entering the sale in the register—he could not be convicted of a separate offence under the same Section, as the whole thing was one transaction. As to the case of Mr. Taunton, he submitted it was not he but the company who employed Boyce, and that if anyone was to be summoned it should be the company. The Magistrate dismissed the summonses as against Mr. Taunton, and adjourned the case against Boyce until February 17. A summons was granted against Boutalls, Ltd.

Westminster Wisdom.

By the "C. & D." Parliamentary Representatives.

PARLIAMENT MEETS.

The new Parliament was opened with all the usual formalities on February 4, but the Royal inauguration will not take place until February 11, when the King and Queen will attend in semi-State.

DENTISTS ACTS INQUIRY.

Our Parliamentary correspondent understands that the report of the departmental inquiry into the Dentists Acts presided over by Mr. F. D. Acland, M.P., was signed on February 5.

EXCESS PROFITS.

The Chancellor of the Exchequer is this week-end receiving at the Treasury a deputation from the Federation of British Industries on the question of excess profits which is greatly agitating commercial and other circles at the present time.

THE INDUSTRIAL SITUATION.

Much is likely to be heard of the industrial situation, writes our Parliamentary correspondent, when the debate on the address in reply to the Speech from the Throne comes on in both Houses on Tuesday next. This will be of far greater importance than usual in view of the grave labour position. It is probable that several amendments dealing with that aspect of the national situation will be tabled, and, if necessary, the Government will devote two whole sittings to the discussion. Every aspect of the economic situation is also likely to be ventilated at length.

Cocaine Cases.

At Marlborough Street Police Court, London, on February 3, John Brown (38), of no occupation, Gladstone Street, Lambeth, was charged (1) with being an unauthorised person procuring and supplying cocaine to William Brown, Austin Boyd, and Joe Phillips, also unauthorised persons, and (2) with being in possession of cocaine. William Brown (22), music-hall performer, and Joe Phillips (17), waiter, were charged with being in possession of cocaine; and Austin Boyd (18), music-hall performer, with aiding and abetting Phillips, and with being in possession of the drug. Police evidence was given to the effect that on the previous evening the men were "shadowed" near Piccadilly Circus, and that on seeing one of the detectives John Brown ran into the Tube station, dropping in his flight three pill-boxes containing what was afterwards certified by a doctor to be cocaine. Two of the other men had cocaine in their possession when arrested a few hours later. Three of them had been previously convicted of various offences. The Magistrate sentenced John and William Brown each to six months', Phillips to five months', and Boyd to one month's imprisonment, all with hard labour.

The case of R. R. de Veulle (38), who is charged with the manslaughter of "Billie Carleton" by unlawfully supplying her with cocaine (*C. & D.*, February 1, p. 45), was resumed at Bow Street Police Court, London, on January 31, when Sir Richard Muir opened the case for the Director of Public Prosecutions. Dealing with the sources from which supplies had been obtained, counsel said that Belcher seemed to have got cocaine from a number of different places—of course, unlawfully. There were four different sources from which he obtained it. According to Belcher, De Veulle complained to him of the quality of the cocaine which was obtained from a Chinaman. He also complained that it was adulterated and weakened, and asked Belcher if he could get him some that was stronger. Belcher promised to do so, and, in fact, got some from the chemist Wooldridge, who was the man who supplied it to Kimful. Having got it, Belcher sold it to De Veulle in three or four lots at 5*l.* a time. If Belcher was right in saying it was four lots, he made a profit of 100 per cent., as he only paid 10*l.* for the cocaine thus obtained. Purchase from a Scotsman named Toozey was also mentioned in the opening statement. The accused, who appeared to be in a feeble condition, was again remanded—this time in custody.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

CARMOL, LTD. (P.C.).—Capital 5,000*l.* Objects: To carry on the business of manufacturing, wholesale and retail chemists and druggists, etc. R.O., 18 Washington Street, Birmingham.

EUDERMINE Co., LTD. (P.C.).—Capital 100*l.* Objects: To carry on business as manufacturers of toilet preparations, dyes, chemicals, paints, colours, etc. R.O., 79 Coleman Street, London, E.C. 2.

INTERNATIONAL SPONGE IMPORTERS, LTD.—The directors recommend a final dividend of 3 per cent. on the ordinary shares in respect of the six months ended December 31 last, making 5 per cent. for the year.

OOWANA SOAP Co., LTD.—In the Chancery Division on February 4, before Mr. Justice Astbury, application was made on behalf of Benno Maisel and others, debenture-holders, for the appointment of a receiver of the Oowana Soap Co., Ltd. Mr. Owen Thompson said that an action by the applicants was begun before the company was wound up, and the proceedings for the appointment of a receiver were allowed to continue. The plaintiffs held all the debentures—fifty of 100*l.* each—and the principal moneys were due on the ground that the interest was in arrear, and also because of the compulsory order to wind up. The business of the company was largely in Galicia. His Lordship appointed a receiver as desired.

PICKARD, IVE & RANKIN, LTD., manufacturing chemists, 186 Walmer Road, Notting Hill, London, W.—Under a compulsory winding-up order made against this company accounts have been lodged showing total liabilities 35,234*l.* 6*s.* 4*d.*, of which 10,166*l.* 1*s.* 2*d.* is due to debenture-holders and 16,127*l.* 7*s.* 4*d.* is absolutely unsecured; the assets are valued at 12,118*l.* 19*s.* 10*d.*, thus showing a deficiency of 14,561*l.* 19*s.* 9*d.* to meet the liabilities and a total deficiency of 16,111*l.* 19*s.* 9*d.* as regards contributors. Mr. W. J. Warley, Official Receiver, reports that the winding-up order was made on the petition of the Abbey Chemical Co., presented in September last. The company was registered as a private company on March 25, 1916, with a nominal capital of 3,025*l.*, and was formed *inter alia* to carry on the business of manufacturing chemists and druggists. Mr. Joseph Allan Pickard, the managing director, states that as the result of experimental work he and Mr. I. G. Rankin, a director, had discovered a method of manufacturing antipyrin and aspirin, and that the object of promoting the company was to provide working capital. He arranged to introduce 500*l.*, and for Mr. Harry Wm. Ive to introduce 1,000*l.* Under an agreement dated March 23, 1916, the company acquired from Messrs. Pickard, Ive & Rankin certain plant, utensils, and stock-in-trade, used in the production of aspirin, for 181*l.* in cash. In addition, the company paid 450*l.* in cash to the same parties, being the amount expended by them in developing the process, for the purchase of materials, and in producing samples. The agreement further provided that Messrs. Pickard & Rankin should communicate to the directors details of the process, and offer to the company the benefit of any further discoveries relating to chemical products, drugs, medicine, or toilet preparations, upon reasonable terms. In August 1917 the company acquired from Messrs. Pickard & Rankin secret processes for the manufacture of para-nitraniline from benzole, a pure ortho-anisidine from benzole, of guaiacol, and the manufacture of acetic anhydride. For these processes the company paid 4,000*l.* in cash, raised on the security of debentures. In February 1918 a freehold site and premises at Southall were acquired by the company for a factory at a cost of 8,250*l.* The company was a party to certain disputes which arose with the Abbey Chemical Co., Ltd., in connection with contracts entered into for the supply of chemicals to that company. The disputes were referred to arbitration, and the company was held liable for 4,399*l.* 19*s.* 5*d.*, including costs. Debentures for 10,000*l.* were issued in July 1917 as security for a bank overdraft of that sum, and on September 25, 1918, Mr. D. L. Honeyman was appointed Receiver and manager on behalf of the bondholders, and he has since carried on the business. The failure of the company is attributed by Mr. Pickard to want of sufficient working capital to enable the company to pay the damages awarded in the arbitration.

Relaxation of Export and Import Prohibitions.

THE following alterations in the existing prohibitions of export have been made by the Board of Trade since our last published list (*C. & D.*, February 1, p. 48)

Headings Transferred from One List to Another.

From "A" to "C" lists: Arrowroot; banana meal and banana flour and preparations containing banana meal and banana flour; caramel, liquid or solid; cassava powder; condiments, not otherwise specifically prohibited; corn-flour; dextrin and all articles and mixtures and preparations containing dextrin; farina; ginger, crystallised or preserved; hominy, mandioca; meat, extract of; milk-sugar (lactose); potato flour; sago and sago flour and meal; soap, including soft soap; starch, articles containing starch and mixtures and preparations of starch; stellite and similar alloys; tapioca and tapioca flour; zinc, alloys of zinc, manufactures of zinc and zinc dust; zinc ashes; accharin and articles, mixtures, and preparations containing saccharin; zinc sulphide. From "B" to "C": Cloves; ginger; palladium and its alloys and manufactures containing palladium; pepper, black, Indian and Ceylon; pepper, white; vanadium; vanadium ore; vanillin.

Headings Altered.

Delete.

Substitute.

- | | |
|--|---|
| (A) Glucose and articles, mixtures, and preparations containing glucose. | (A) Glucose. |
| | (C) Articles, mixtures, and preparations containing glucose not otherwise prohibited. |

INFLUENZA-MASKS COMPULSORY.—A Reuter message from Sydney states that the New South Wales Cabinet has ordered everyone to wear influenza-masks, and that after a prescribed date all maskless persons will be liable to arrest.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held on February 5 at 15 Bloomsbury Square, London, W.C. The chair was occupied by Mr. W. L. Currie, the President, and all the members were present, including Mr. Melhuish, who was co-opted at the last meeting.

The minutes of the Council-meeting held on January 8, and those of the Special General meeting of the Society on the same date, were read and confirmed.

A WELCOME TO MR. MELHUISH.

The PRESIDENT welcomed Mr. Melhuish, and said he felt sure that all the members were gratified that he had seen fit to accept the position he had been invited to occupy, for they had the feeling that he would be a most valuable addition to their number, and would successfully fill the place of his worthy predecessor.

Mr. MELHUISH, in thanking the President for the kind sentiments he had expressed, and the members for the cordiality of their reception, said that at no period in the history of the Society had the Council, as a Council, to deliberate on more critical and important problems than those with which they were required to deal at the present time, and possibly more varied and important ones might yet await issue.

LIEUTENANT J. C. BARRETT, V.C.

The PRESIDENT stated that reference ought to have been made at the previous meeting to the distinction conferred upon Lieutenant J. C. Barrett, the son of Mr. J. T. Barrett, who was so well-known as a regular attender of the meetings, and particularly of the annual meetings, of the Society. Lieutenant Barrett had been awarded the V.C., and those of them who had read the description of the gallant deed for which this distinction had been conferred would agree that the sincere congratulations of the Council should be sent to Mr. Barrett as one of their brother pharmacists. Though twice wounded, Lieutenant Barrett performed the act of bravery for which he had thus been honoured with great coolness and courage. Indeed, it was a marvellous act for such a young man to have accomplished. He proposed that some form of letter of congratulation be forwarded to Mr. Barrett congratulating him on the honour conferred on his son. (Applause.)

The proposition was agreed to.

AUDITOR APPOINTED.

The PRESIDENT proposed that Mr. J. Stuart Hills be co-opted auditor of the Society to fill the vacancy caused by the death of Mr. W. L. Howie. In putting forward this nomination, he said, they were retaining connection with a well-known name that had been identified with pharmacy since it was established. Mr. Hills (a director of John Bell, Hills & Lucas, Ltd.) had business knowledge and capacity of a very high standard.

The VICE-PRESIDENT (Mr. Neathercoat) seconded, and the appointment was unanimously agreed to.

COUNCILLORS WHO RETIRE IN MAY.

The SECRETARY, in accordance with the practice usually followed at the February meeting, announced the members of the Council who retire in May. This year they will be: Messrs. W. L. Currie, J. W. Deakin, R. L. Gifford, Albert Hagon, L. M. Parry, H. Skinner, and E. White.

REGISTRAR'S ANNUAL REPORT.

The report of the Registrar for the year 1918 was formally tabled. It showed that the subscribers to the Society in 1917 numbered 8,662, and that there were 822 life compounders and 565 student-associates. During the past year 5 life compounders and 109 members had been restored, and 38 life compounders and 284 members elected. The deaths, secessions, etc., numbered 10 life compounders and 277 members, and of the latter number 3 became life compounders, 140 had died, and 134 had ceased to subscribe. The total strength of the Society at the time of the report was, life compounders, 855; members, 8,778; student-associates, 654. During the past year 490 persons had been registered as "Apprentices or Students." An analysis of the examinations in England and Wales for the year 1918 showed the following: Major, 19 candidates, of whom 8 were successful; Minor, 203, of whom 114 were successful. The percentage of rejections was 57.89 in the Major and 43.84 in the Minor. In Scotland there were 3 candidates for the Major, of whom 2 were successful, and 95 for the Minor, of whom 52 were successful, the

percentage of rejections being 33.33 and 45.83 respectively. The number of pharmaceutical chemists on the Register at December 31, 1918, was 1,931, and of chemists and druggists 14,629, a total of 16,560. There were 683 pharmacists registered under the provisions of Sec. 3 (4) of the Poisons and Pharmacy Act, 1908, as superintendents of bodies corporate in Great Britain, and of firms or partnerships in Scotland. Four hundred and twelve cases of alleged infringement of the Pharmacy Acts were investigated during the year 1918, and the Report contained a detailed list of 95 cases in which proceedings were instituted, with the result in each instance.

ELECTIONS AND RESTORATIONS.

It was reported that 163 persons had been elected student-associates, 62 had been elected members, 1 had been restored to the Register, and 48 had been restored to the Society. The Secretary mentioned that since the last meeting 192 apprentices or students had been registered. (Cries of "Good.")

REPORT ON EXAMINATIONS.

The report on Qualifying examinations in January showed that in England and Wales 41 had sat, of whom 15 passed, and that in Scotland 14 had sat, of whom 10 had passed.

SUBSISTENCE ALLOWANCE.

The SECRETARY reminded the members that the discussion on the question of the subsistence allowance that should be granted to members of the Council detained in London for more than two days on Society's business had been adjourned from last meeting. The point was whether it could not be further adjourned till the next meeting. This was agreed to.

FINANCE COMMITTEE.

The report of the Committee showed that during the past month the receipts under the General Fund had amounted to 1,563l. 8s. 11d., and included the following items: Penalties and costs, 30l. 5s. 6d.; "Journal" and publications, 28l. 1s. 5d.; registration fees, 375l. 18s.; restoration fee, 1l. 1s.; ground rent, 96l. 5s.; school fees, 94l.; subscriptions, 942l. 18s. With the balance brought forward from last meeting, and after deducting payments then authorised, there was a balance of 263l. 4s. 1d. carried forward. The other balances were Benevolent Fund (Current Account), 531l. 16s. 6d.; Benevolent Fund (Donation Account), 65l. 8s. 7d.; and War Auxiliary Benevolent Fund, 379l. 10s. 10d.

The Committee recommended that the balance of 10,000l. standing to the credit of the War Auxiliary Benevolent Fund be invested in War Loan. Payments amounting in the aggregate to 1,303l. 8s. 5d. were recommended.

The report was adopted without comment.

LOCAL ASSOCIATIONS COMMITTEE.

The report of this Committee stated that the proposals for the reconstruction of the Local Associations Executive, and the opinions expressed regarding the Society's organisation, had been carefully considered, and the Committee recommended the adoption of the Organisation Committee's report, and approved of the principle of electing the L.A.E. on the territorial basis by a system which gives a more equitable representation to the various areas. The arrangements for the forthcoming Conference of local Associations were also considered, and the following recommendations were made: (1) That the date of the proposed Conference be altered to Wednesday and Thursday, April 23 and 24; (2) That the fares of all delegates to the Conference be paid and debited to the accounts of the L.A.E.; (3) That a lunch be provided for the delegates on each day and paid for, the cost being debited to the L.A.E.; (4) That the London District Associations be asked to act as hosts to delegates attending the Conference, and that the general arrangements in connection therewith be in the hands of the London members of the L.A.E. and the Secretary; (5) That the first day of the Conference be reserved for National general subjects, and the second exclusively for local Health Insurance affairs, the agenda to be prepared in the same way as for the last Conference; (6) That a report of the Conference be prepared and circulated by the L.A.E. to the local Associations and the Pharmaceutical Committees; and (7) That the place of meeting for the Conference and the general arrangements be left in the hands of the Secretary.

Mr. SARGENT, who moved the adoption of the report, stated that it was anticipated some difficulty would be experienced in securing accommodation for the 180 delegates. Inquiries had been made at various hotels, but it appeared to be hopeless to secure rooms for them all. In these circumstances it was thought they might follow, in this respect, the example set by several other important

conferences and organisations, and ask members of the craft near London to extend hospitality to delegates for the two nights. The Committee felt sure the chemists of London would rise to the occasion.

In the course of a brief discussion it was suggested and agreed that the particular recommendation referred to by Mr. Sargeant should receive proper publicity, and that it be communicated to the various organisations in and around London.

Mr. SKINNER expressed the hope that a little more thought would be devoted to the preparation of the agenda than on the occasion of last year's Conference, when, he said, something like twenty resolutions were passed without the slightest discussion.

Mr. WOLFF pointed out that at the last Conference certain resolutions were adopted and the rest were simply swept away, the adoption of one resolution disposing of many relating to the same subject. This might have appeared perfectly in order, but some Associations which sent up resolutions that were not discussed felt very sore about it.

Mr. SARGEANT disagreed with Mr. Skinner in the opinion he had expressed that the agenda of the last Conference had not been scientifically arranged. It was a very difficult matter, he submitted, to arrange one to the complete satisfaction of every one of the 180 delegates, especially when they had to embrace in it two or three hundred resolutions, many of which overlapped. If one resolution dealing with a report in a way suggested by many others were discussed and adopted, he could not see what reason the Associations whose resolutions were on identical lines could have for feeling sore if these did not happen to be discussed. He assured the Council that at the meeting on the previous day the members of the Executive individually and collectively expressed the opinion that the scope of the discussion at the Conference should be of the fullest and freest description, and that no attempt should be made by the Executive or by the Council to interfere with it in any way.

The SECRETARY remarked that it might have been that at the last Conference the report was not issued in sufficient time to enable the various Associations to frame amendments to it where they considered these necessary. On this occasion the report could be issued almost at once so as to give the local Associations opportunities to frame their amendments to it in good time for the Conference.

Mr. SKINNER said the main fact he wished to emphasise was that the time for the discussions was so unequally arranged at the last Conference that towards the end resolutions went through without any discussion at all.

Mr. WOLFF asked if the Council might be permitted to see the report before it was issued.

The SECRETARY pointed out that the Council would not meet again till next month. Was the report to wait till then before it was issued to the Associations, the Conference being held in April?

Mr. WOLFF asked whether it was the fault of the Council that the arrangements had been made so late and that the present difficulties had arisen.

The PRESIDENT replied that no difficulty whatever had arisen. As the report had to be issued it had been already well considered.

The SECRETARY, as a way out of the difficulty supposed by Mr. Wolff to exist, said that if the Council cared to resume its sitting after lunch, they could then go through the whole report if it was so desired.

Mr. WOLFF said that with the view of making his meaning quite clear, he had to point out that the report of every Committee has to be submitted to the Council for approval. Here is a report which they are being asked to approve and to issue without their knowing what its contents and conclusions are.

Mr. SARGEANT said the Committee asked the Council to take it for granted that the report was a correct record of what the Executive had done. Members of the Council who were not members of the Executive were really not competent to judge as to its accuracy.

Mr. DEAKIN submitted that the report related to facts, not to policy.

Mr. GUTHRIE said that as the point raised by Mr. Wolff really involved the question of the confidence of the Council in one of its Sub-Committees, could not that confidence be asked by any Committee which, for some reason of urgency, desired to issue a report without its first coming before the Council? The Finance Committee might from any circumstance ask the same thing, and as the Council had confidence in it they would sanction the request.

Mr. WOLFF pressed for a decision on the approval or disapproval of the portion of the report relating to the issue of the report. His contention was that members of the Council should be informed of what transpired at Committee meetings. In this instance a report was proposed

to be circulated without one-half the Council knowing what it contained.

As there is a standing order which enables any three members of the Council to claim a division and to have the names of those taking part in it recorded in the minutes, Mr. Wolff requested that the names of those in favour of and those against the adoption of the portion of the report on which he challenged a vote should have their names taken. Mr. Skinner, Mr. Cuff, Mr. Rowsell, and Mr. Sargeant expressed their concurrence with Mr. Wolff's suggestion, in order that effect should be given to it in terms of the order.

A division was then taken, when there voted for the Committee's recommendation that the report of the Executive be issued to the local Associations and Pharmaceutical Committees, Mr. Young, Miss Buchanan, Messrs. Cuff, Rowsell, Gifford, the Vice-President, Sargeant, Guthrie, Jenkins, Campkin, Hagon, Parry, Deakin, Keall, Bilson, and the President—sixteen. Against, Messrs. Wolff and Hines—two. Declined to vote, Messrs. Skinner and Melhuish—two.

The report was then adopted without further discussion.

BENEVOLENT FUND COMMITTEE.

The report of this Committee stated that the question of making provisional grants, without prejudice to the Council's decision, had occupied attention. The following recommendation was made: That in a case where the Committee decide to recommend the Council to make a grant, and they are of opinion that hardship would ensue if assistance was delayed pending the decision of the Council, the Committee be authorised to instruct the Secretary to pay, by way of temporary grant, a sum not exceeding 20%, such action to be reported to the Council.

The report was adopted without any observation. On the motion of the PRESIDENT, Mr. Melhuish was appointed a member of the Committee in room of Mr. Sargeant, who expressed a desire to be transferred to the Finance Committee.

The report of the War Auxiliary Fund Committee contained only one recommendation: That the Committee be authorised to instruct the Secretary, in the case of an application approved by the Committee, to make a payment from the Fund not exceeding 30%.

The report was unanimously adopted.

RECONSTRUCTION.

The following was submitted as the report of the joint meeting of the Library, Museum, School and House, and Reconstruction Committees:

The Committees have considered what arrangements should be made for conducting the Qualifying examinations in view of the new by-laws, and make the following recommendations:

(1) That no change should be made in either the standard, scope, or method of the present examination up to and including July 1919.

(2) That the Privy Council should be asked to fix August 1, 1919, as the date on which the new by-laws should become operative.

(3) That the examinations under the new by-laws, commencing in October 1919, up to and including July 1920, should be of the same scope and standard as at present, but that it should be divided into two parts—i.e., chemistry, physics, and botany at the first part and the remaining subjects at the second, and that the provisions of the new by-laws relating to courses of study and periods of practical training should not apply until the October 1919 examination.

The Committees hope to receive the recommendation of the Boards of Examiners in time to present the draft regulations imposing periods of study and practical training, etc., for the consideration of the Council at its April meeting.

In accordance with the instructions of the Council, the names of those suggested to represent pharmacy upon the Selective Committees set up by the Government under this scheme have been submitted. The following are the names: Mr. F. Bates, Manchester; Mr. L. Joseph, Cardiff; Mr. F. P. Sargeant, Leeds; Mr. E. Eberlin, Nottingham; Mr. H. O. Lloyd, Birmingham; Mr. P. F. Rowsell, Exeter; Mr. A. S. Campkin, Cambridge; Mr. W. S. Glyn-Jones, London; Mr. J. R. Hill, Edinburgh; Mr. J. J. Forbes, Perth.

The VICE-PRESIDENT, moving the adoption of the report, said it was important that the Privy Council should now sanction the new by-laws and fix the date on which they would become operative. It was specially important that the candidates who would be sitting for the examinations that the date should be one of mutual arrangement.

The report was adopted. This concluded the business.

Birth.

HINRICHS.—At 99 Grove Road, Hounslow, on January 28, the wife of A. C. Hinrichs (Parke, Davis & Co.), of a daughter.

Marriages.

FARQUHAR-DUTHIE.—At 17 Princes Street, Perth, on January 22, by the Rev. R. W. Forbes, J. Marshall Farquhar, chemist and druggist, elder son of Mr. James Farquhar, chemist and druggist, Princes Street, to Mary Middleton, younger daughter of the late Mr. James Duthie, 16 Strathmore Street.

GROOM-BRAMMALL.—At St. Mary's Church, Balham, London, S.W., on February 1, by the Rev. Dr. D. Bryant, vicar, Lieutenant John Phillip Groom, Indian Army Reserve (attached to the 114th Mahrattas), to Dorothy Grantham, eldest daughter of Mr. R. T. Brammall (representative of Stafford Allen & Sons, Ltd.).

HUTTON-ALTHORP.—At St. John's Church, Morecambe, on January 28, William Henry Hutton, Regent Road, to Hannah Margaret, daughter of Mr. Arthur Althorp, chemist and druggist, 49 Marlborough Road, late of Woking.

Deaths.

ADDIS.—At 9 London Place, London, E. 8, on January 18, Mr. Robert Addis (R. Addis & Son, brush manufacturers, London Fields, E.), aged sixty-eight. Mr. Addis was the seventh in direct descent from the founder of the business, which was established in 1780 in Clerkenwell. During this long period only three changes of address have occurred. Hand-drawn toothbrushes have been supplied by the firm throughout the war to our own and Allied Governments in quantities totalling millions. Mr. Addis was, in his younger days, keenly interested in the Volunteer movement, and was an exceptionally fine marksman, winning a world's championship competition held in Belgium. Of late years he had



MR. ROBERT ADDIS.

suffered from a heart trouble. He is survived by three daughters and one son—Mr. Robert Addis, who has managed the business for several years and will carry it on.

BUCHANAN.—At Edinburgh, recently, Mr. John Hamilton Buchanan, a director of the North British Rubber Co., Ltd. Mr. Buchanan was also a director of the Commercial Bank of Scotland, and was interested in many other large undertakings.

CORDEY.—On January 28, Mr. William Cordrey, a director of W. H. Willcox & Co., Ltd., aerated-water plant manufacturers, Southwark Street, London, S.E., aged fifty-eight.

FARQUHAR.—At Briarlea, Inch, on February 3, Mr. Robert Forbes Farquhar, chemist and druggist, aged sixty-six. Mr. Farquhar was a native of Inch, and served his apprenticeship there. He qualified in 1880, and in the same year commenced business on his own account in Inch, where he formed a wide connection. Handicapped latterly by illness and feeling the work too much for him, he passed the business over to his son, Mr. R. T. Farquhar, chemist and druggist, who now conducts it. Mr. Farquhar never took much part in public matters. He was an elder of the United Free Church, and showed a great interest in everything pertaining to the good of the Church. He is survived by a widow and three sons. Another son, Mr. W. A. K. Farquhar, chemist and druggist, Strichen, died last autumn (*C. & D.*, 1918, p. 906).

HEPPOX.—On February 2, suddenly, Mr. R. Herron, manager of Parke's Drug Stores, 308 Crumlin Road, Belfast.

KOBERT.—At Rostock, Germany, on December 27, 1918, suddenly, Professor Dr. Rudolf Kobert, aged sixty-five. Professor Kobert was appointed to the chair of pharmacology at Dorpat in 1886; eight years later he was discharged for

political reasons, and in 1899 found a new sphere of work at Rostock. Of his published studies, those on ergot of rye are considered the most important; a full summary of his conclusions as to the best method of ensuring the full activity of preparations of this drug was given in *THE CHEMIST AND DRUGGIST*, II., 1890, p. 551. Several abstracts from his articles are printed in "The Year Book of Pharmacy."

LINTON.—At 23 Grange Road, Edinburgh, on January 31, Mr. Ralph Tait Linton, Ph.C., aged seventy. Mr. Linton had latterly carried on business at 4 Kerr Street, and previously in other parts of Edinburgh.

NELSON.—At Warwick, on February 4, Sir Edward Montague Nelson, K.C.M.G., J.P., D.L., chairman of George Nelson, Dale & Co., Ltd., gelatin-manufacturers, aged seventy-eight. Most of Sir Edward Nelson's business life was spent in the City of London, where he was chairman of various companies. He took an active interest in public affairs, and at the time of his death was in his second year of office as Mayor of Warwick. He is survived by a widow, three sons, and one daughter.

REDINGTON.—At San Francisco, on January 4, Mr. William P. Redington, vice-president of Coffin, Redington & Co., Inc., of New York and San Francisco, wholesale druggists, aged seventy-four. Mr. Redington had been connected with the business for fifty-six years, and was frequently a delegate to the conventions of the National Wholesale Druggists' Association.

SNOWDEN.—At 12 Pavilion Square, Scarborough, on January 26, Mr. George Richard Snowden, retired chemist, aged sixty-eight. (See p. 37.)

TOD.—At Swindon, on January 25, after a brief illness, Mr. John Tod, chemist and druggist. Mr. Tod passed the Qualifying examination in 1879.

Died on Service.

ARNOLD.—Rifleman Gilbert Hamlyn Arnold has died on service at the Western Military Hospital, Neath, after a prolonged illness, aged thirty-four. Rifleman Arnold was the son of Mr. H. S. Arnold, chemist and druggist, Cwmavon, Port Talbot.

Personalities.

MR. JOHN CUMMING, chemist and druggist, Crewe, has been nominated to fill a vacancy in the Crewe Town Council.

MR. G. CLARIDGE DUCE, J.P., Ph.C., Oxford, has been appointed a school manager by the Oxford City Education Committee.

MR. CLEMENT J. WAIN, Ph.C., Newcastle-under-Lyme, has been appointed Director of Ceremonies of the Sutherland Unity Lodge of Freemasons.

MR. W. RIGBY, chemist and druggist, Sheffield Road, Barnsley, has been elected a member of the Committee of the Barnsley Chamber of Trade.

MR. A. W. KILLICK, South London representative of Corbyn, Stacey & Co., Ltd., Stepney, E., who has been demobilised from the Army, is resuming his work.

MR. CHARLES A. CRITCHLEY, Ph.C., King William Street, Blackburn, was on January 30 elected a member of the Blackburn Town Council by a majority of eighty-two votes.

LANCE-CORPORAL F. V. WRIGHT, Royal Fusiliers, has been awarded the Military Medal for gallantry in action. In civil life Lance-Corporal Wright was with Mr. W. H. Cockle, chemist and druggist, King's Lynn.

MAJOR ALFRED W. JOHNSON, M.B.E., who has been on active service abroad since 1915, has, on demobilisation, returned to the firm of Johnson Bros., distributing agents, Belfast and Dublin, of which he is a partner.

MR. E. T. JOHN, the representative of Zenobia, Ltd., in the South of England and the South of Wales, is about to resume his journeys in consequence of demobilisation. Mrs. John has covered his ground since he joined up in 1917.

COMPANY QUARTERMASTER-SERGEANT H. W. HADLEY, King's (Liverpool Regiment), who was in civil life a representative of E. W. Sleath & Co., manufacturing chemists, Higher Broughton, Manchester, has been awarded the Meritorious Service Medal.

LIEUTENANT THOMAS STEWART BRECHIN, Gordon Highlanders, chemist and druggist, who has been on active service for a considerable time, is one of thirteen who joined the Forces from the European staff (which numbered twenty-nine) of Miller & Co., chemists, Colombo.

MR. W. M. DELF, representative of the glycerin department of Lever Bros., Ltd., was installed on January 24 as

Worshipful Master of the Commercial Lodge, 3628, Birkenhead. Among the guests present was Worshipful Brother D. Roger Rowlands, P.P.J., J.D., chemist and druggist (Mayor of Birkenhead).

IN No. 7 of the "Square Topics," issued by Mr. Hugo Wolff recently, the interesting information was given that the Council has decided to rearrange its various Committee-meetings so that the reports can be prepared for discussion. Mr. Wolff is apparently not a whole-hearted supporter of the new scheme for dividing the Qualifying examination.

MR. ALFRED G. MASON, chemist and druggist, who with his wife was convicted at the Old Bailey, London, on March 10, 1917, of conspiracy to poison Mr. Lloyd George and Mr. Arthur Henderson, has, states the "Daily Telegraph," been released from prison. The case has been reviewed by the Home Secretary at the request of the Prime Minister.

COLONEL SIR E. A. BROTHERTON, BART., M.P., a director of Brotherton & Co., Ltd., manufacturing chemists, Leeds, has defrayed the expenses of a gift to every repatriated prisoner resident in Wakefield. The souvenir takes the form of a solid silver medallion, inscribed on one side with the name and regiment of the recipient, and bearing the city arms on the other side.

STAFF-SERGEANT F. H. ROWCROFT, R.A.M.C., chemist and druggist, has been "mentioned" by Sir G. F. Milne, Commander-in-Chief of the Salonica Force, for gallant conduct and distinguished service. Sergeant Rowcroft, who in civil life is associated with the business of Rowcroft & Co., Ltd., Maidstone, enlisted in 1914, and served in France before going to Salonica.

MR. JOHN WYLDE, senior partner of the firm of Thomas Keating and proprietor of the Walworth Drug-mills, has borne the expenses of removing the remains of Bishop Andrewes, who died in 1626, from their former position in Southwark Cathedral, London, to a more suitable resting-place in the same building. The event was the occasion of an impressive ceremony on February 1.

SECOND-LIEUTENANT JOHN B. HICKMAN, R.G.A., has been awarded the Military Cross for gallantry and devotion to duty while acting as forward observation officer in liaison with the infantry in an attack on the Hindenburg Line. Lieutenant Hickman is the son of Mr. J. Hickman, dispenser at the City of Westminster Infirmary, Hendon. He passed his Army Entrance examination in 1916.

THE new officers of the American Pharmaceutical Association who will take office at the conclusion of the business meeting for 1919 are: *President*, Mr. L. E. Sayre, Dean of the School of Pharmacy of the University of Kansas; *Vice-Presidents*, Mr. T. J. Bradley, dean of the Massachusetts College of Pharmacy, Mr. H. Whitehouse and Prof. E. Fullerton Cook, Philadelphia College of Pharmacy.

THE FRIENDS OF MR. G. W. UDALE, Ph.C., dispenser for nearly twenty years at the L.C.C. Mental Hospital, Hanwell, will be sorry to hear that last December he had a breakdown, and was granted three months' leave of absence by the Committee. Mr. Udale, who resides at Harlington, Middlesex, was apparently on the way to recovery, but on January 17 he left home about 2.30 P.M., saying he would have a walk, and since then no news has been received of his whereabouts. Some few years ago Mr. Udale lost an only child from diphtheria, and it is thought that this loss, bravely borne, had much to do with his illness.

MR. T. J. BADGETT, chemist and druggist, the newly elected President of the Newport (Mon.) Chemists' Association, was born thirty-four years ago at Llangynidr, Breconshire. He served his apprenticeship in London, and passed the Qualifying examination in 1906 after studying at the London College of Pharmacy. Having gained further experience as an assistant, he opened for himself at Clarence Place, Newport, eight years ago, and has established a successful business. Like his predecessor in office (Mr. Benson Harries), Mr. Badgett is an active member of the local Association, of which he has been Hon. Secretary for four years. He has missed only one meeting since he joined the Association.

LIEUTENANT R. H. BRITAIN, Lincolnshire Regiment (Special Reserve), attached Machine Gun Corps, has been awarded the Military Cross for an act of gallantry thus described officially: "He was in charge of twelve machine-guns in support of the infantry, and he brought all his guns effectively into action in spite of heavy fire from the enemy's artillery and machine-guns. He rallied the infantry, all of whose officers had become casualties, and reorganised them for a further advance, which he supported with a well-distributed machine-gun fire. His courage and ability were very conspicuous." Lieutenant Britain, who passed the Qualifying examination in 1902, is a director of Prichard & Constance, Ltd., manufacturing chemists and perfumers, 469 Holloway Road, London, N.

MR. ALEC S. JOHNSON, chemist and druggist, who has been elected President of the Cardiff Pharmacists' Association, is the senior director of Robert Drane, Ltd., chemists, Queen Street. Mr. Johnson was born in Monmouthshire, and served his apprenticeship with Mr. W. R. Sellock, Ph.C., Stourbridge. He qualified in 1903, after studying at the London College of Pharmacy, and in 1905 came to Cardiff as senior assistant to the late Mr. Robert Drane, chemist and druggist, on whose death in 1914 he became the head of the present company. He has for two years acted as Secretary to the Cardiff Pharmaceutical Committee, and is also the Pharmaceutical Society's representative for Wales in connection with the Central Checking Bureau.



MR. ALEC S. JOHNSON.

Mr. Johnson takes a keen interest in antiques, and is the possessor of a fine collection of old drug-jars and mortars dating from 1570. He is a strong upholder of chemists' rights.

Society of Chemical Industry.

A MEETING of the London Section was held on February 3, Dr. Charles A. Keane in the chair. The meeting, which was largely attended, was devoted to refractometry and its applications in technical analysis. Mr. J. C. Philip's paper on the *Physical Principles underlying Refractometry* included an extremely interesting exposition of the principles upon which the various types of refractometers in use are constructed, and in conclusion he pointed out that the question of controlling the temperature still left much to be desired, and in view of its importance awaited a satisfactory solution. Mr. F. Stanley, dealing with *British-made Refractometers*, mentioned that Abbé's refractometer had been manufactured by Zeiss for thirty-five years, and apparently had not been improved for the last twenty-five years prior to 1914, and was very far from perfect. Its most serious defects had been removed—improvement in the prisms, the telescope, reading of the scale had been effected. The dipping refractometer, which is more accurate than Abbé's, and is used for the determination of the strength of solutions, sugar, essential oils, etc., has been materially improved, and its formerly restricted range had been extended. The temperature control was effected by means of a water-bath designed at the Government Laboratories. The aim was not only to eliminate the German defects, but to produce a British refractometer. Mr. F. Simeon read a paper (by himself and F. Twyman) dealing exhaustively with the methods adopted by them for controlling the accuracy of all parts, especially the glass mass, of the instruments during manufacture, and stated that large meltings of English glass on testing gave an error of two units in the sixth decimal place, while for Abbé's instrument two units in the fourth decimal place is sufficiently accurate. Mr. H. Main dealt with the *methods of determining sugar*, particularly by means of the refractometer, which he first adopted in 1905 to determine sucrose, and enumerated the various tables since elaborated for determining content of cane sugar, beet sugar, etc., by this method. Mr. A. E. Berry gave a summary of his experiences with British-made refractometers, which were employed in a *method for determining the concentration of chlorhydrin* which ensured constant manufacture, suggested by St. Andrews University. Miss A. Homer's paper dealt with the use of the refractometer in the *determination of the protein content of sera*, and explained the methods of concentrating antitoxic sera, showing specimens. At the outbreak of the war tetanus serum of 1,000 to 1,500 units per dose, in 5 to 6 c.c., was required, whereas ordinary serum from horse contains 50 units in 1 c.c. By the gravimetric method it was possible to do six determinations in a day and a half; the use of the refractometer for this purpose enabled her to do seventy-five determinations a day. Mr. E. R. Bolton, in collaboration with M. Cecil Revis, was brief, and wittily dealt with the problems attending the use of the refractometer in the analysis of oils and fats. He pleaded that all readings should be made at a temperature of 40° C., and suggested the construction of an instrument permitting continuous reading. The discussion was adjourned to the next meeting. An exhibition of refractometers had been arranged in the Council-room.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Burnley.—The number of prescriptions issued in 1918 was 23,054, as against 22,586 in 1917. The cost was 797l. 12s. 4d., against 577l. 3s. 5d., the average being 7.59d.

Essex.—The quarterly meeting of the Insurance Committee was held at River Plate House, London, E.C., on January 23, Mr. J. H. Burrows presiding. It was resolved to allot 373l. 9s. 4d. to the Panel Committee and 332l. 10s. 10d. to the Pharmaceutical Committee for administrative expenses for 1918. The Medical Benefit Sub-Committee was authorised to take the necessary steps for holding an inquiry in regard to any chemist or doctor whenever it considered such course desirable.

Middlesex.—The Insurance Committee held its bi-monthly meeting on February 3 at the Guildhall, Westminster, S.W., Mr. W. S. Glyn-Jones, M.P. (Chairman), presiding.—The Finance and General Purposes Sub-Committee recommended the payment of 4,044l. 2s. 8d. to chemists on account of 1918. The Chairman, replying to complaints of insured persons not being able to get their medicine dispensed the same evening as presented, said that the Committee had the machinery for dealing with such matters. If they concerned practitioners, they were considered by the Panel Committee, and if chemists, by the Pharmaceutical Committee.

Portsmouth.—At the meeting of the Insurance Committee on January 30, the Finance Sub-Committee reported that the Pricing Committee had completed the pricing of prescriptions for November. During that month there had been 10,530 scripts, costing 344l. 14s. 5d., or an average of 7.51d. per script, as against 7.49d. in the previous month, when the number of scripts was 21,116, at a cost of 659l. 0s. 4d. On the recommendation of the Medical Benefit Sub-Committee and the Panel Committee, it was resolved to surcharge a panel practitioner 11l. 14s. 10d. for excessive prescribing.

Shropshire.—At the meeting of the Insurance Committee on January 25 the Medical Benefit Sub-Committee reported that communications had been received from chemists at Shrewsbury and Wellington asking whether the Committee had any objection to their closing their shops at 6 P.M. on Mondays, Tuesdays, and Fridays. The Committee replied that they could not agree, owing to the hardship such early closing might entail upon insured persons. It was announced that Mr. F. H. Slinn, Newport, has resigned from the chemists' panel.

Smethwick.—At the meeting of the Insurance Committee on February 4, it was reported that the prescriptions dispensed during the quarter ended September 30 numbered 13,954, the total cost being 506l. 9s. 5d., or an average of 6.42d. per prescription (ingredient-price 3.01d., dispensing-fee 3.41d.). The Committee's share of the cost of administration of the West Midland Pricing Office for the year ended November last is 15l. 12s. Since the last meeting payments have been made to chemists, on account of October, November, and December, of 417l. 6s. 2d.

Warwickshire.—At the last meeting of the Pharmaceutical Committee, the contract with the Checking Bureau was renewed. The report of the working of the Pricing Bureau showed great improvement, only one case of underpricing during the last three months requiring adjustments by the Committee. It was decided to make application for the release of pharmacists in the Army who were not engaged in performing the duties for which they qualified.

SCOTLAND.

Aberdeen.—At a meeting of the Finance and Medical Benefit Sub-Committee, communications were submitted from the Central Checking Bureau, an Aberdeen chemist, and the Secretary of the Pharmaceutical Committee regarding a prescription dispensed in July last and disallowed by the Bureau. It was noted that the chemist had read one item on the prescription as "aspirin" instead of "gossypium," which was intended by the doctor. After consultation with the Pharmaceutical Society, the Clerk intimated that the Checking Bureau had been directed to price the item as gossypium, not aspirin. It was decided to instruct the Clerk to communicate with all panel doctors requesting them to write out their prescriptions with reasonable legibility so that similar misreadings and misapprehensions would be avoided in the future.

Trade Notes.

COTTON-WOOL AND CORKS.—C. R. Crosskill & Sons, Calvert Street Works, Norwich, make in this issue special offers of absorbent cotton-wool and dispensing-corks.

M.D. COTGH-CURE.—The terms upon which this winter line is offered are given in the advertisement of Cupal, Ltd., Blackburn. These include a profit-sharing discount of 10 per cent.

RUBBER GOODS.—The old-established firm of Hooper & Co., 7 Pall Mall East, London, S.W. 1, are offering all kinds of india-rubber goods for chemists' sale. The firm have large stocks, and hence can ensure prompt delivery.

STATIONERY SIDE-LINE.—J. R. Lockwood & Co., Ltd., 168 St. John Street, London, E.C. 1, specialise in stationery suitable for chemists' sale. The company have a scheme by which a selection of stationery is sent to chemists on approval.

SOUTH AFRICAN TRADE.—Mr. Jas. Scott, general manager of Petersen, Ltd., Cape Town, is in London, and is prepared to negotiate for agencies for South Africa. He can be addressed, Care of J. Murdock & Co., 52 Leadenhall Street, London, E.C. 3.

"BLIGHTY" BURGUNDY MIXTURE.—The Mond Nickel Co., Ltd., 39 Victoria Street, London, S.W. 1, are introducing a solid form of Burgundy mixture which is to be advertised extensively in the Press. Particulars are given in the company's advertisement in this issue.

THE MILTON MANUFACTURING CO., LTD., John Milton House, 125 Bunhill Row, London, E.C. 1, have prepared a series of cinematograph films illustrating the uses and advantages of Milton. The films are now being circulated, and shortly will be shown in hundreds of cinemas throughout the country.

GLDHIH TILLS, the manufacture of which was suspended during the war, are now being made in quantity. It is interesting to know that G. H. Gledhill & Sons, Ltd., Halifax, the manufacturers of these tills, have fulfilled a very useful purpose during the war in making munitions. The standard bomb-releasing gears used with British aeroplanes were invented by Mr. A. H. Gledhill and made at the Gledhill Works.

"BRITISH JOURNAL PHOTOGRAPHIC ALMANAC."—The 1919 issue of this old-established work has been published this week. It is produced in a style that seems to defy war difficulties. There is a capital article on "Photographic Definitions," which explains the uses of the numerous terms used in photography which "old hands" take for granted but which puzzle beginners. There is an excellent "epitome of progress" during 1918, and the other features of the work have been kept up to date. The retail price is 1s. 6d. for the paper-cover edition.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

41/29. Fleurs de Rose lotion	47/27. "Barama" surgical antiseptic
40/24. Rosacamph cream	47/20. Midland Malted Milk Co.: address
45/62. Liebig's chemical food	45/66. Izard's specific
44/33. Patey's cold cream; supply	
47/28. Glyceride of Kephaleine.	

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

Amolin powder, 35/28	"Karsote," 17/65
"Antipon," 32/73	Luargol, 17/64
Apilol circloids, 40/24	Magnesia carbonate, light, 255/16
Automatic stills, 24/73	Ointment mills, 38/18
Barry's pearl cream, 34/68	"Omega" oil, 23/59
Chameleon oil, 12/50	Orange sticks, 34/29
Chemical manures, 25/35	"Ozomint," 18/68
Citric acid cryst, 14/60 and 23/50	Ozonol, 27/14
"Clemak" safety razor, 9/15	Ratin, 240/29
Cream of tartar, 14/60	Renne's (Dr.) magic oil, 20/67
"Cutoxine," 24/48	"Resinol" ointment, 232/34
Damman's diabetes cure, 31/4	Robertson's terebene balsam, 18/69
Dentifrice lacoste, 37/41	Tablet-counting machines, 27/44
Doan's backache pills, 17/67	Toilet powder paper, 21/21
Emery boards, 34/29	Tooth-paste, 236/40
Epsom salts, 26/59	Trimethol tabs 238/24 and 242/15
Johnson's cough linetus, 7/1	
"Kalamax," 259/19	

Observations and Reflections

By Xrayser II

A Rumour Reaches Me

of a conference or conferences between representatives of the Pharmaceutical Society, the Association of Certified Dispensers, and the Privy Council with a view to the drafting of a by-law of our Society admitting certified dispensers to registration under the Pharmacy Acts without examination. I do not know how these conferences came about, whether they were forced on the Society or invited by it, nor have I heard anything as to the motive the Society has in entertaining the proposal made to it. Of course, under the Act of 1908 we have the power so to admit outsiders if we choose, but we have never before taken steps towards doing it, nor have pharmacists as a body shown any disposition to do it, but very much the reverse. What is the reason for this new departure? I can think of but one reason for it, and that is the very ignoble one of raking in the shekels needed to put our finances straight. If that is the motive, the epithet I have applied to it is much too weak for it. How far we have gone in the matter I cannot say; it is apparently being kept in complete darkness, which is in itself disquieting, and it is impossible not to suspect that our interests are being undermined. Such a step ought not to be taken except in the fullest light. I, for one, have always been for an understanding between ourselves and the apothecaries, with concessions on both sides, but this surrendering of our birthright without even the semblance of a mess of pottage in exchange (for this is what seems impending) is a different matter. With what face or what hope of success can we resist the demands of the drug-store proprietors if we admit these others on their own terms? The thing is the more amazing when we remember how strenuously and how long our leaders resisted the advances of the colonial pharmacists, who really offered us advantages in return for what they asked.

Mr. R. T. Simpson's Attitude towards Proprietaries

is, I fear, more heroic than businesslike. When he says that if we are firm we may demand a proper return for our services he takes too much for granted and ignores the determining factor of the situation. It has never yet been authoritatively decided what a proper return is; he appears to hold that a profit working out in the aggregate at 50 per cent. is proper. If he means this to apply to the aggregate of proprietaries one can only wish he may get it. How does he propose to do it? Firmness and union are all very well, but he forgets that the vast bulk of these articles can be sold by anybody who chooses, and that we have no control even over our own body. There are only two possible courses open to us—either to proceed by bargaining and conciliation, as we have done in the past, or to cultivate a trade as much as possible independent of proprietaries. That we have allowed ourselves to become in great measure mere handlers of other people's preparations may not be entirely our own fault, but to a great extent it is so. We have acted towards manufacturers exactly as the British trader generally has acted towards the foreigner; it has been less trouble and has seemed to pay us better to be traders than producers, and we are now reaping the harvest of our shortsightedness. We must set our house in order in this as in other respects, but that is no reason why we should not meanwhile stick out by all effective means to get better profits than we do on what we handle. Only we must not quarrel with our bread and butter till we can arrange to live on something else. There are indeed a few proprietors with whom we can afford to quarrel, for they do not allow us even bread and butter.

The Letter of "Live and Let Live"

amounts simply to this, that because the unqualified drug-store keeper sells nothing but what the pharmacist sells he is necessary (which is absurd); and that he proves it by making his

business pay. Success, of course, proves nothing of the kind. If it did, a good many things would be necessities which the world would be heartily glad to be without. To give instances might possibly be regarded as offensive; I will only say that if these successes prove anything, it is that the men who win them might easily have qualified if they would, and that their not having done so is not chargeable upon circumstances over which they have no control. Why they chose not to qualify and yet pose (as nearly as they legally can) as druggists, I leave to their own consciences. I am not accusing them of any moral fault as a class; some of them, we know, sail perilously near the wind, and they all thrive more or less on the reputation won by their qualified neighbours, but doubtless many persuade themselves that their position is strictly honest and fair. It may be. The fact remains that they are an inferior class benefiting by their superficial likeness to their superiors. I confess I do not understand how men so sensitive as your correspondents appear to be can content themselves with such a position. I hope it is unnecessary to say that I use the words "inferior" and "superior" with reference only to the matter of legal qualification.

"Dope" and "Doping"

are ugly words for ugly things, and their rapid growth in use in the sinister sense they now convey is an ugly sign of the times. Dope is from the Dutch *doop*, dipping or sauce, which came rather late in the last century to be used in the United States as a name for any thick or semi-fluid article of food. It does not occur in Bartlett's Dictionary of Americanisms of 1896, but Webster and both the Oxford and Century Dictionaries have it, though without any reference to its slang meaning. This, however, appears in the Concise Oxford Dictionary of 1911, and in Funk and Wagnall (1913), where its history is thus given: "(1) Any thick liquid or semi-fluid as an article of food; specifically (1) axle-grease or (2) opium paste; (3) by extension any narcotic drug, as morphine, or a dose for a racehorse, intended to influence its speed"; &c. Dopey is also given below, with the definition, "stupid, as if from opium, dull, heavy"; and dope-fiend, defined as "habitual user of a narcotic drug." In Mr. J. Redding Ware's "Passing English" dope is said to have been first used in the States in connection with horses about 1899, and to have been first heard in England in 1900, in which year several horses are said to have died after being "doped." Mr. Ware thinks the word, in this sense, comes from a proper name, presumably that of the first doper, but this seems unlikely.

Your "Retrospect" of Last Week

suggests another, which I may be allowed in illustration of the way in which the Adulteration of Food and Drugs Act *used* to be administered (I hope it is not so abused now) in the first zeal of the police for their new duties. A good many men in my neighbourhood had been successfully prosecuted for selling the old milk of sulphur as precipitated sulphur. A peculiarly "active and intelligent member of the force," as Toole used to put it in "The Area Belle," noticing that we were beginning to substitute the pure for the impure preparation, applied to a chemist in the town for four ounces of *milk of sulphur*, and receiving pure sulph. precip. prosecuted him for having supplied an article not "of the nature and substance demanded," and got a conviction, with a fine, too! It was smart at any rate, but I have known a good many cases that, without having any pretension to smartness, were equally unjust.

FOR ALLOTMENT HOLDERS.—The quince tree has been suggested as an uncommon and, at the same time, profitable investment for those who have garden space.

A UNIVERSITY OF SCIENCE.—A mass meeting of present and past students of the Imperial College of Science and Technology, South Kensington, has been held at the Imperial College Union, Prince Consort Road, South Kensington, to consider a petition to the governors of the College, the object of which is to stimulate opinion on the suggested creation of a University of Science and Technology distinct from the University of London.

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An announcement of particular
interest to you appears in
this issue on page xix

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Editorial Articles.

Excess Profits.

THE report of the Committee on "Financial Risks Attached to the Holding of Trading Stocks" has been published by the Ministry of Reconstruction [Cd. 9224, 2d.]. It will be remembered that the Committee was appointed last year by Dr. Addison, who recognised that fear on the part of manufacturers and traders of losses, due to a fall in prices of raw materials bought at war-time prices, would tend to cause a reluctance to embark on full-time production after the war, and would thereby retard the attainment of maximum national productivity. He accordingly invited the Committee to inquire and report as to any measures which could be adopted with a view to securing that manufacturers and others should be financially in the position to hold stocks after the war, and that reasonable safeguards should be established to prevent serious financial losses as a result of possible depression following on a period of great inflation in respect of stocks of materials required for industry. After illustrating the enormous rise during the war in the prices of raw materials and goods, the Committee express the view that apprehension of loss due to a drop in prices is well founded. Five main causes are likely to bring about this fall:

1. The disappearance of war-risk insurance, etc.
2. Reduction in freights due to increased availability of shipping.
3. Fall of wages compared with the rates prevailing during the war due to increased availability of labour on demobilisation.
4. Additional production (due to the cessation of the demand for war material) of staple articles now standing at "scarcity prices."
5. Reduction of the note issue to restore an effective gold standard, or, in other words, "deflation" of credit.

A natural corollary of the trader's fear that he will lose through falling prices is that he should wish to take a very conservative valuation of his unsold stocks. This affects their valuation for the determination of excess profits duty. The three lines of possible relief that have been suggested by traders are:

1. Lower rates of taxation (than) during the war.
2. The Government to bear a share (out of taxes already received) in any losses after the war.
3. A redemption of "profits" now chargeable to taxation by way of permission to create reserves before arriving at the sum chargeable to taxation as profits, or by the adoption, when making up periodical accounts, of different

principles of valuing stocks from those generally obtained in industry hitherto, or admitted by the taxing authorities.

Up to the present taxation relief has been granted by two concessions contained in the White Paper [Cd. 8623], viz. :—

1. An allowance is made for the fall in the value of stocks held in the last accounting period to the extent to which they are realised in the succeeding two years.

2. The "base stock" method of valuation—that is, that of valuing a constant quantity of stock at a constant price which is permitted in certain classes of industry wherein it is a practice of the trade.

The first concession is criticised as being : (1) unworkable, because the physical identity of the stock cannot in practice be ascertained; and (2) inadequate, as relating to only one set of sales. Only a very limited number of industries have obtained the second concession. Those which have done so will commence the post-war period with stocks valued considerably below their market price, and therefore, in the opinion of the Committee, have established no further title to relief.

The Committee preface their general recommendations by saying that they regard it as most desirable that the position of industry should be specially strengthened when on the threshold of a period in which markets have to be reorganised or created and in which industrial conditions are in the highest degree uncertain. The most hopeful line of approach to a solution of this problem lies, they think, in a reduction of the present rates of excess profits duty. The present 80 per cent. duty, they consider, encourages extravagance and discourages enterprise, the reward being paltry, while little margin is left for renewals, development, and the capture of new markets, to say nothing of the establishment of reserves against bad times. The Committee recommend two alternative remedies :

1. A reduction in the excess profits duty from 80 per cent. to 65 per cent. for the accounting period approximating to the year 1918 now in course of assessment on the understanding that the duty so remitted is retained in the business and not distributed. This reduction might be accompanied by the withdrawal of the first concession in the White Paper, which was largely a result of the raising of the duty to 80 per cent.

2. If this course is impracticable, the Committee suggest that part of the duty now to be paid should be treated as a suspensory reserve for a period of five years, the amount so treated to be represented by a special kind of War Loan to be held on joint account by the Government and the taxpayer. The amount of this reserve should be 20 per cent. of the average excess of profits in the last two years of the duty. After five years this reserve should either revert finally to the State, or in the following circumstances become wholly or in part the property of the taxpayer.

In the latter case the taxpayer must show that his annual profits over that period are less than the amount of the percentage standard to which he was entitled, or would have been entitled, under excess profits duty, and that these deficiencies have been associated with the holding during this period of stocks at falling prices as distinct, for example, from bad management or reduced turnover. He would then be entitled to relief to the extent of 80 per cent. of the deficiency, but for no greater sum than the amount of the reserve. In the case of the second remedy, the Committee consider that the undertakings given in the White Paper should continue to stand, and that each business should state, when making its return for assessment for the last period of excess profits duty, whether it proposes to come under the first concession in the White Paper, or, waiving all rights thereunder, to come under the five-year War Loan system of relief. The Commission do not appear to have a very strong conviction of the effectiveness of the remedies they suggest, and a supplementary report by a number of members recommends a larger concession from the Exchequer than that proposed by the main report. For ourselves, we may say we share the hesitation. In the case of the alternative remedy especially, we think that in order to have it properly applied a degree of State, or at least official, interference with business would be inevitable, which would not be at all desirable.

We would rather favour a scheme by which the rate of excess profits duty for the next five years would be gradually lowered to the vanishing point, preserving the present principle in regard to the tax by which the loss in any one of the years during which the duty is in force can be set off against the profit in another, a repayment being made to a taxpayer wherever this is found necessary. The above problems will have to be faced by Mr. Austen Chamberlain in framing his next Budget, and it will be seen that there will be many difficulties in the way. The fact remains that the Government has taken a very large percentage of the profits arising from the advance in values, and it seems only just that it should bear part of the loss resulting from inevitably lower prices. As it is, enterprise is being throttled in many directions, this applying to the chemical and drug trades, as those who are anticipating a loss are keeping down their stocks to the lowest possible limit, which is inimical to the best interests of the community.

Association of Pharmaceutical Committees.

MR. JOHN HUMPHREY, Ph.C., in the February "Script," propounds a scheme for a National Association of Pharmaceutical Committees which has much to recommend it as a means of organising a body which shall represent panel chemists in their dealings with the National Health Insurance Commissioners. It has been stated that the Pharmaceutical Society is the only body qualified to have dealings with the Commissioners, but this is because the Local Associations Executive Committee of the Council is taken to be representative of panel chemists. As a matter of fact, that Committee is so constituted that panel chemists' interests are not the first consideration. The Committee, moreover, deals with matters which are not specially those questions which affect panel chemists in their relationship with the Commissioners. Mr. Humphrey's plan is to found a National Association which will represent only panel chemists—a true federation of all Pharmaceutical Committees. Such an association would, on this account, be in the best position to deal direct with the National Health Insurance Commissioners. The plan is as follows :

1. Each Pharmaceutical Committee should appoint one, two, or three representatives, according as it consists of eight, twelve, or sixteen members, to serve as delegates on a District Council.

2. Any delegate unable to attend a particular meeting of a District Council may be replaced by another member of the same Pharmaceutical Committee.

3. Each District Council shall represent the same areas as a Pricing Office, and be entitled to adequate representation on the Central Executive of the National Association, the same arrangement for substitution prevailing as in the case of District Councils, so that the voting power of districts may remain unaffected.

4. The Central Executive shall deal formally with nothing but National Health Insurance business, and represent the panel chemists of the country in all negotiations with the Insurance Commissioners, or with other authorities interested in National Health Insurance administration.

5. Each District Council shall have a paid secretary, who may also be the checking supervisor and technical expert for the district.

6. There shall be a paid general secretary appointed by the Central Executive, who shall be the chief administrative officer of the National Association of Pharmaceutical Committees.

7. Every panel chemist shall be entitled to advice and assistance from the local district secretary, with the right of appeal to the general secretary whenever dissatisfied on any matter of importance.

The scheme has many points about it which should commend it to all Pharmaceutical Committees who desire to be masters of their own affairs. The funds which are allowed by law to be allocated by the Pharmaceutical Committees for the organisation purpose would, in our opinion, be sufficient to place the Association on a permanent basis and ensure it becoming a centre of interest for panel chemists.

Demobilisation.

WE understand that Mr. R. M. Harvey, who represented the Drug Club on the Pharmacists' Demobilisation Committee, has resigned that position. The reason is probably that the number of "pivotal" men allotted to the wholesale trade was so small that it was hopeless to expect any beneficial results from the meetings of the Committee. It will be remembered that the original intention was to liberate fifty men for the drug-trade, and as the proportion allocated to the wholesale trade was 10 per cent., all this fuss has been made about the liberation of five men. It is now, we learn, intended to liberate a further five hundred men for the whole of the drug-trade, and the Government representative is to look after the interests of the wholesale houses. Men in the Royal Army Medical Corps are now to be placed on the same footing as men in combatant units. All the same, it seems easier to obtain release from the Army if one has not been connected with pharmacy.

Pharmacy Schools Filling-up.

ONE effect of the demobilisation of chemists' assistants has been to fill up rapidly the pharmacy schools of this country. We were informed recently that the School of Pharmacy of the Pharmaceutical Society of Great Britain would have no vacancies until next October, which is rather cold comfort for a student who wishes to prepare for the Qualifying examination before going back to shop life. Since then we have made direct inquiries at many of the other schools of pharmacy, and we find that in most of them there is still accommodation for students. The next term begins early in April, and it is advisable to make prompt arrangements for joining. It looks as though the entries for the Qualifying examination this year will surpass all records, and we hope that all the candidates will receive sympathetic treatment in the examination-room. We shall be glad to assist students by communicating the results of our inquiries as to school vacancies.

British Pharmacopœia Amendment.

GLYCERIN having been obtainable since November, it was expected that the General Medical Council would take prompt action to restore to the British Pharmacopœia 1914 the glycerin preparations which were withdrawn on July 27, 1917. We understand, however, that the subject will be considered at the meeting of the Executive Committee which is generally held at the end of February, and no doubt an official notice will follow. It has to be decided whether the syrups which were withdrawn at the same time as the glycerins will also be restored, because, although the normal amount of sugar used in 1915 is now granted to chemists, the fact has to be taken into account that the sale of sugar is not altogether unfettered. Meanwhile dispensing chemists are again using in private dispensing the glycerin preparations and syrups that were official up to July 27, 1917. In the case of Insurance dispensing there will probably be further delay, as action cannot be taken until the glycerins and syrups are officially restored to the Pharmacopœia. Chemists in the area of the London Insurance Committee are required still to employ the wretched substitutes which were issued under the authority of the Pharmaceutical Society. Some chemists are dispensing the proper glycerin preparations in Insurance prescriptions, but the Pricing Bureau only allows the cost of the substitutes. The Commissioners are required to give panel chemists one month's notice of alterations in the Drug Tariff, but so far nothing has been done.

Changing Over.

THE report of the Council of the Pharmaceutical Society, which appears in this issue, is slightly altered in character by reason of the rearrangement of the meetings of the Council and its Committees (*C. & D.*, January 11, p. 42). This month the School and House Committee, the Finance Committee, and the Journal Committee met on Tuesday, and on Wednesday morning there were meetings of the Benevolent Fund and Law Committees. On this account the Council-meeting did not take place until noon. In

March the Local Association Executive will meet at 10.30 A.M., and the Law and Finance Committee at 2.15 P.M. on the Tuesday. At three o'clock on the same day the Council will meet, adjourning at 7 P.M., until 11 A.M. on the Wednesday. At the March Council-meeting the reports of the Committees held in February will be considered, copies having in the meantime been circulated to members of Council. The two sessions into which the Council has been divided will give more time for the consideration of the business, but whether this will ensure the Councillors taking greater interest in the proceedings is another matter.

Poison-sale Legislation.

SOME curious paragraphs are being published in the general Press regarding the sale of poisons, which, it is stated, will be discussed in Parliament "before many weeks have passed." The mysterious suggestion is made that "the Pharmacy Acts should be so amended as to remove the whole matter from the purview of the police." The administration of the Pharmacy Acts is a matter for the Pharmaceutical Society, but the police have power to prosecute in certain cases, although the power is seldom used. It may be that the persons who have inspired the paragraphs to which we refer are not aware of this. The Cocaine and Opium Regulation and Army Council Order ("Drugs for the Troops") are regulations which are solely administered by the police. It is true that there is duplication of prosecuting authority—some offences can be punished both under the Pharmacy Acts and the Defence of the Realm Act—but it would have been expected that the legal advisers of the Government Departments responsible for the regulations under the Defence of the Realm Act would have taken the trouble to study the law as it existed at the time the regulations were made. Neglect to do this has resulted in great confusion. There is nevertheless something sinister about the suggestions that the Pharmacy Acts are to be amended, and it is to be hoped that the Pharmaceutical Society will not be caught napping or fall an easy victim to the cajolery of Government Departments.

Federating Chemical Societies.

ACCORDING to the "Journal of the Society of Chemical Industry," a federated council has been formed "to secure for the profession of chemistry, as distinct from pharmacy, the recognised status and homogeneity enjoyed by other learned professions by uniting the various sections for all the purposes of scientific service." The title of the body is "The Federal Council for Pure and Applied Chemistry (to advance, safeguard, and voice the interests of Chemical Science)," and the constituent societies already included are: The Chemical Society (three delegates: Professor Armstrong, Sir Wm. Pope, and Sir Wm. Tilden); the Society of Chemical Industry (three delegates: Professor Louis, Drs. Keane and Miall); Association of British Chemical Manufacturers (three delegates: Mr. R. G. Perry and Drs. E. F. Armstrong and C. Carpenter); Institute of Chemistry (co-opted: Sir Herbert Jackson); Society of Public Analysts (Dr. Rideal); Faraday Society (Mr. W. R. Cooper); Biochemical Society (Dr. Plimmer); Institute of Brewing (Mr. A. Chaston-Chapman); Society of Dyers and Colourists (Mr. C. F. Cross); Ceramic Society (Dr. J. W. Mellor); Society of Glass Technology (Dr. W. E. Turner). Sir William J. Pope, President of the Chemical Society, is chairman, and Professor H. E. Armstrong is to act as honorary secretary. The interest to pharmacists in the scheme rests upon the fact that pharmacy is deliberately excluded from a body concerned with applied chemistry. The Charter of the Pharmaceutical Society states that the Society was founded "for the purpose of advancing chemistry and pharmacy," and it is perhaps because the Council of the Society has of late years lost sight of the objects of its foundation that other bodies step in to advance chemistry and endeavour to exclude pharmacy from its position as the oldest branch of applied chemistry in the world.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C.4."

Report on January Analytical Exercise.

The powder distributed to students on January 7 contained two parts by weight of barium chloride, two parts of barium nitrate, and one part of barium thiosulphate. The calculated composition of such a mixture is:

Ba	...	...	...	...	53.8
Cl	...	...	...	...	11.6
NO ₃	...	...	...	...	19.0
S ₂ O ₃	...	...	...	...	8.4
H ₂ O	...	...	...	...	7.2
					100.0

The powder also gave slight reactions for iron and sodium, but otherwise it was free from impurity in appreciable quantity.

Samples of the powder were distributed to twenty-three students, and fourteen reports were sent in for examination. Barium was missed as a constituent in a single instance only, but the failures in detecting the acid radicals were decidedly numerous, viz.: Hydrochloric, 7; nitric, 6; thiosulphuric, 5. Five students failed to note the evolution of water when the powder was heated in a dry test-tube.

The analysis on this occasion presented more difficulty than usual to most of our correspondents, and for this the somewhat unfamiliar behaviour of the thiosulphate in the systematic examination both for metallic and for acid radicals was mainly responsible. The copious separation of sulphur when the powder itself, or its aqueous solution, was heated with dilute hydrochloric acid gave rise to a good deal of misapprehension regarding the probable presence of silver-group metals, while doubts concerning the arsenic-group were raised by the behaviour with cold dilute hydrochloric acid followed by hydrogen sulphide, and these were not dispelled in every case during the further course of the analysis. Again, the darkening of the precipitate of silver thiosulphate which was obtained on mixing the aqueous solution with silver nitrate was not only occasionally misinterpreted, but in several instances it diverted attention from what was the only considerable complication involved—namely, the presence of a chloride along with the thiosulphate. Only a small number of students dealt satisfactorily with this complication—some by extracting, by means of ammonia, the silver chloride from the silver sulphide into which the silver thiosulphate was eventually converted, and re-precipitating the silver chloride from this ammoniacal solution; others, by first destroying the thiosulphate by boiling with moderately dilute nitric acid, filtering, and testing for a chloride in the filtrate.

The large proportion of failures in the detection of the acid radicals is a prominent feature in the analysis, and one which indicates an insufficient familiarity with appropriate methods for dealing with these radicals so as to ensure their recognition when present, at any rate, in such large proportions as in the present mixture.

The powder was reported by most students as incompletely soluble in water. It dissolved entirely, however, when heated with a sufficient quantity of distilled water.

Renewed comment has been made regarding the small quantity of substance supplied to applicants. This subject has been the cause of frequent remark and response in the past, but new generations of students come forward to whom the matter appears novel. Re-stated briefly, the chief reasons for supplying only from 10 to 15 grains per student are:

1. To encourage a systematic allotment of definite portions of the available material for specific purposes—e.g., preliminary; metallic radicals; acid radicals; confirmatory; reserve.
2. To stimulate ingenuity in applying several tests to the same portion, as, for example, in utilising for bead tests and charcoal-block tests part of the residue left unvolatilised after heating an unknown substance in a dry test-tube.
3. To necessitate close and careful observation.
4. To enforce the exercise of the most rigid economy of substance in applying the various tests, in order that a just appreciation may be obtained of how small the quantities are with which distinct reactions may still be observed.

PRIZES.

The First Prize for the best analysis has been awarded to FRANK LIGHTFOOT, Preston Brook, Warrington.

The Second Prize has been awarded to

G. BRAYSHAW, 7 Brook Street, Gloucester.

First Prize.—Any scientific book that is published at a price not greatly exceeding half-a-guinea may be taken as a first prize.

Second Prize.—Any scientific book which is sold for about five shillings may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the Publisher naming the book or books they select.

MARKS AWARDED FOR ANALYSES.

1. Competitors who are unqualified:

F. Lightfoot (1st Prize) 97	F. L. Taylor	...	59
G. Brayshaw (2nd Prize) 88	Ardfern	...	37
Jayjay	Serum	...	37
Melonia	H. R. H.	...	26
Joshua	Heroin	...	25
Physics		...	68

2. Competitors who are qualified, or who have not indicated that they are unqualified:

Lawton	...	64	Tyrone	...	61
Pihula	...	44			

TO CORRESPONDENTS.

G. BRAYSHAW.—Note particularly that it is mercurous—not mercuric—chloride which is precipitated by addition of hydrochloric acid as group reagent. The precipitate you attributed to magnesium was really due to barium, the latter not having been entirely separated, since ammonium oxalate does not precipitate barium completely as oxalate.

JAYJAY.—Apparently you did not thoroughly wash with cold water the precipitate of sulphur which was formed on boiling the original aqueous solution with hydrochloric acid. The supposed reaction due to lead which you subsequently obtained from the boiling-water washings of this precipitate were caused by incompletely separated barium.

MELONIA.—The aqueous solution of the powder gave a well-marked reaction for a nitrate with excess of ferrous sulphate and sulphuric acid. You may have employed too little ferrous sulphate for the relatively large proportion of nitric-acid radical present.

JOSHUA.—What you took to be the odour of acetic acid was really that of sulphur dioxide. This is not an uncommon error.

PHYSICS.—The burning of the sulphur of a thiosulphate is not very like that of the phosphorus of a hypophosphite, and the pungency of sulphur dioxide should be distinctive.

F. L. TAYLOR.—In testing for ammonium salts, sodium hydroxide or soda-lime should be used in preference to sodium carbonate, since the latter itself frequently contains traces of these salts unless it has been strongly heated. It was not sufficient to state that the precipitate produced by hydrochloric acid was found to be sulphur: particulars of the evidence for this should have been given. A carbonate was not present.

ARDFERN.—You report somewhat contradictory reactions produced by silver nitrate in testing for acid radicals, one solution yielding no precipitate and an almost identical solution giving a chocolate-brown precipitate. The dark colour of the latter precipitate was due to the thiosulphate.

SERUM.—With convincing evidence of the presence of a thiosulphate before you in the behaviour of the precipitate yielded by silver nitrate, you concluded that the reaction indicated a hypophosphite. We note with satisfaction that, although your results are far from accurate, you endeavoured to make the most of the analysis with the quantity of material provided. Regarding this quantity, see the general remarks.

H. R. H.—Many of the tests you employ are well chosen and appropriate, but you are too much inclined to apply them solely to the original solution, overlooking the fact that such a reagent as, for example, potassium chromate may give precipitates with metallic radicals belonging to several analytical groups. Adopt the methods of separation laid down in any good text-book and carry these out systematically, employing special reagents within the groups only in such cases as these are safely applicable.

HEROIN.—Since you did not obtain any precipitate in the barium group, there must have been something amiss with your solution of ammonium carbonate. The supposed lead reactions were due to sulphur and barium.

LAWTON.—Several of the matters regarding which your analysis is inaccurate are dealt with in the general remarks and the preceding answers, which see.

PIHULA.—Failure to obtain a precipitate on adding dilute sulphuric acid to a solution is not sufficient evidence of the absence of calcium since calcium sulphate is sufficiently soluble in water to afford a solution suitable as a reagent for several purposes.

TYRONE.—Read the first sentence of the reply to F. L. Taylor.

Associations' Winter Session.

Bournemouth.—The annual meeting of the Bournemouth Pharmaceutical Association was held at Gervis Hall on January 31. In the unavoidable absence of the President (Mr. T. Boyle) through illness, Mr. A. E. Lodder (Vice-President) presided. The balance-sheet produced by the Hon. Treasurer, showing a balance in hand of 11*l.* 9*s.*, was approved. The following officers were elected for the ensuing year: *President*, Mr. David D. Buchan; *Hon. Treasurer*, Mr. A. J. Worth; *Hon. Secretary*, Mr. J. H. Scampton; *Assistant Hon. Secretary*, Mr. F. J. North; *Committee*, Messrs. Attewell, Harding, Lodder, and Martin; Delegates to Bournemouth Chamber of Trade—on Committee, Mr. F. J. North; Quarterly Meeting Delegates, Messrs. Buchan, Greasley, and Scampton. Votes of thanks were accorded to the retiring officers.

Cardiff.—The annual meeting of the Cardiff Pharmacists' Association was held at the Queen's Hotel, St. Mary Street, on January 28. Mr. J. Murray (President) in the chair. The meeting was one of the best attended for some time, over thirty being present. The annual report and balance-sheet, with the report from the Statutory Pharmaceutical Committee, was passed, on the motion of Mr. Leo Joseph, seconded by Mr. A. Hagon. A motion in favour of early closing was brought forward by Mr. E. G. Howell, who said he felt the time was opportune for chemists to get a little more relaxation. Mr. Leo Joseph pointed out that chemists had contracted with the Commissioners for the dispensing of Insurance scripts, and the contract must be fulfilled, and it was recommended that the Insurance Committee be approached and also that the doctors be asked as to the possibility of having their surgery hour a little earlier. Mr. J. Murray was appointed Vice-President of the Chamber of Trade, and Messrs. E. G. Howell and E. C. Harden were elected delegates. Mr. Murray then vacated the chair and, after thanking the members for their support during his year of office, introduced the new President, Mr. Alec Sam Johnson, who thereupon took the chair and gave his presidential address, dealing with the position of pharmacy under recent and pending legislation and urging the necessity of unity and organisation, to which he added an earnest appeal for loyal support of the Pharmaceutical Society as the custodian of the rights of the pharmacist. Mr. Murray proposed, and Mr. Leo Joseph seconded, a vote of thanks to the President for his address, which was warmly accorded, and the retiring officers were also cordially thanked for their services. It was announced that a whist-drive is to be held on February 12.

Edinburgh.—The fifth meeting of the forty-first session of the Edinburgh Chemists', Assistants', and Apprentices' Association was held in the Pharmaceutical Society's House, 36 York Place, on January 29. Mr. Henry Stout, Ph.C. (President), in the chair. The meeting, which was very largely attended, took the form of an interesting lantern-lecture on *The Pacific Coast in War-time*, by Mr. Thomas Stephenson, Ph.C., F.C.S., F.R.S.E. Mr. Stephenson visited America in the summer of 1918 as a representative of the British Ministry of Information, making a special tour of the Pacific Coast from the Mexican Border in the South to British Columbia in the North. He had thus exceptional facilities for seeing the United States at war, and the lecture embodied these experiences together with a description of the most wonderful part of the American Continent. The discourse was illustrated by a large number of very beautiful views describing the tour, particularly in relation to the war activities of that part of the United States. The so-called "Wild West," Mr. Stephenson explained, was quite a misnomer as applied to the cities, particularly in California, which were of a most modern character and the seat of a very high culture. Although the Western States were not actually engaged in the making of munitions, they were particularly active in shipbuilding, aviation and naval training, and the enthusiasm of the people 7,000 miles away from the Western Front was an example to many in our country. While observing the war activities of the West, Mr. Stephenson lost no opportunity of studying the country historically and socially, and among other interesting features of the lecture was a description of a visit to a "movie" studio near Los Angeles. The scenery in Oregon, Washington, and British Columbia was very beautiful, and particularly well illustrated on the screen. The lecture concluded with an appeal for a closer friendship with America, showing that with a union of hearts between the two great English-speaking nations the world would be safe for democracy for all time. On the motion of the Chairman, a cordial vote of thanks was awarded to Mr. Stephenson.

Gloucestershire.—The fifteenth annual meeting of the Gloucestershire Pharmacists' Association was held on January 30 at the Royal Hotel, Cheltenham, the President (Mr. W. H. Hill) in the chair. In presenting his report, the Treasurer stated that the finances of the Association had been in so healthy a condition during the year that special donations amounting to 5 guineas had been made to pharmaceutical charities, and, even so, the balance-sheet showed a net credit balance of 7*l.* 17*s.* 2*d.* He also reported that, as a result of the special appeal made on behalf of the War Auxiliary Benevolent Fund, the amount received to date was 158*l.*, which sum had been subscribed by members in the county, exclusive of Gloucester and Bristol city areas. The following officers were elected for the current year: *President*, Mr. W. H. Hill; *Vice-Presidents*, Messrs. W. H. Hampton, H. B. Clark, T. T. Dolman, and C. H. James; *Hon. Secretary and Treasurer*, Mr. T. B. Wickham; *Auditor*, Mr. A. Hill; *Committee*, Messrs. F. Palmer, J. Maelanachan, and W. Palmer. It was resolved that the President of the Gloucester Branch shall, during his tenure of office, be a Vice-President of the County Association. The retiring officers were heartily thanked for their services. A preliminary discussion on minimum charges was initiated by the President, Messrs. Milne, W. Palmer, Clark, and James took part in the interesting debate that ensued. It was decided to refer the matter to the Committee with a view to arranging a definite scheme—with the assistance of the Gloucester Branch—for adoption throughout the county.

Hull.—The annual meeting of the Hull Pharmacists' Association was held at the Grosvenor Hotel, Carr Lane, on January 28. Mr. L. S. Sellé in the chair. The President thanked the Committee and members for their support during his two years of office, and the following officers were elected: *President*, Mr. A. S. Snowden; *Hon. Secretary*, Mr. T. H. Newton; *Treasurer*, Mr. H. Tebb. Messrs. Jones and Iddon were heartily thanked for their successful organisation of the Jubilee dinner and whist-drive, and votes of thanks were accorded to the retiring officers.

Irish Assistants.—At a Committee-meeting of the Cork branch of the Irish Chemists' Assistants' Association, held on January 30, Mr. V. O'Sullivan in the chair, it was explained by the Secretary that the branch had been engaged for some time in drawing up a schedule to present to the employers which would meet with all-round approval. The following table was approved: (1) The minimum rates of salary shall be as follows: *For unqualified assistants*.—In the first year after apprenticeship, men, 37*s.* 6*d.*; women, 30*s.* In the second year after apprenticeship, men, 42*s.* 6*d.*; women, 35*s.* After completion of the second year following apprenticeship, men, 52*s.* 6*d.*; women, 42*s.* 6*d.* *For qualified assistants*.—5*s.* per week in excess of the above rates for both men and women. After three years' experience following apprenticeship, men, 3*l.* 15*s.*; women, 3*l.* The above scale of wages to take effect as from January 1, 1919. Any employee who on January 1 was in receipt of within 5*s.* per week of the above minimum scale, or whose wage exceeded this scale, shall be paid an additional sum of 5*s.* per week from that date. It was also decided to demand 5*s.* per week additional for attending to the night bell. Duty to begin at 11 p.m., and to continue until opening the following morning, and that the hours of employment be fifty-two hours per week, and all time worked over that period be paid at time and a quarter, and that henceforward wages should be paid weekly. Employees engaged at work on a Bank Holiday to be paid two days' wages, or to be granted a full day's leave within a week. Two weeks' holiday each year at full pay to be granted after one year's service with an employer. Four years' apprenticeship to be served with one firm and not more than two apprentices to each qualified chemist, or two apprentices to every three qualified assistants. It was decided to present the demand immediately to the employers.

Kent.—A special meeting of the County of Kent Association of Pharmacists was held in the Pharmaceutical Society's lecture room on January 29. The gathering was a large and representative one. The President, in his opening address, recognised the difficulty experienced by pharmacists in a county like Kent in attending meetings, a difficulty much accentuated by war conditions. It was proposed, with the consent of the meeting, to institute a scheme by which seven divisions might be created, each division to be represented by one or more pharmacists on the Executive Committee, and in each division a meeting to be held for the purpose of election, and to induce an interest in pharmaceutical matters locally. The Association unanimously approved of the suggested method of organisation, and elected Mr. Hobbs (Tunbridge Wells) *President*; Mr. Oliver (Maidstone), Mr. Cuff (Dover), and Mr. Taylor (Cheriton) *Vice-Presidents*; Mr. A. F. Corfe (Maidstone) *Treasurer*; and

Mr. J. E. French (Sittingbourne) *Hon. Secretary*. Five members of the Executive Committee will be appointed by and from the members of the Pharmaceutical Committee, and the various divisions will elect representatives to the Executive Committee on a basis of one member to each twenty pharmacists in each division. Mr. W. S. Glyn-Jones (Secretary of the Pharmaceutical Society) then, in an earnest and instructive address, explained many points of interest to pharmacists which are occupying the attention of the Council at the present time. He thanked, on behalf of the Society, the Kent Association for its co-operation in the difficult tasks the war had imposed on them. Especially, he said, were the thanks of the Society, and particularly all pharmacists in Kent, due to Mr. French, upon whom a great burden of difficult work had fallen, and had been performed with the utmost advantage. Mr. Glyn-Jones explained the difficulties attending demobilisation, and next dwelt on the working of the War Auxiliary Benevolent Fund. Various matters of interest and questions asked by members were dealt with, and Mr. Glyn-Jones concluded a highly instructive address by a call for unity in work and organisation amongst the various pharmacists in the Kent area. A hearty vote of thanks to Mr. Glyn-Jones for his address was passed unanimously. Mr. J. H. Cuff dwelt entirely on the War Auxiliary Benevolent Fund, and stated his willingness to attend any gathering of pharmacists that might take place, however small it might be, and have a round-table chat with them concerning the working of the Fund. Mr. A. F. Corfe stated that the Kent collection to the Fund at present stood at about 150%, and that he was still hopeful of getting more.

Liverpool.—The annual meeting of the Liverpool Chemists' Association was held at the Royal Institution on January 29. Mr. William P. Evans (Evans Sons Lescher & Webb, Ltd.), the retiring President, filled the chair, pending the adoption of the report and the election of officers. Mr. Pickersgill was elected a member. The retiring *Hon. Secretary* (Mr. David H. Evans, Lodge Lane) presented the report, which recited all the meetings in 1918 and welcomed the members returning from the war. The Liverpool chemists had risen to a record height of generosity by subscribing, without a single personal call, the 1,000% promised to the War Auxiliary Benevolent Fund. The Chairman congratulated the *Hon. Secretary* upon his able record. On the motion of Mr. Harold Wyatt, seconded by Mr. R. P. Hirst, the report was ordered to be printed. The balance-sheet of the *Hon. Treasurer* (Mr. W. Wellings), showing a credit balance, was adopted. The membership was 212, and only seventeen subscriptions were outstanding. Mr. David Evans formally moved an alteration of Rule 4, in order to enable members retiring at the end of two years from the Council to be re-elected without waiting a year. He said the rule was brought into being at a time when the Council, in the opinion of some, had become stereotyped. The rule, however, no longer worked well, as there was not a single nomination for the six vacancies to be filled, besides which Mr. John H. Robinson had resigned (owing to considerations of business and health), while still having a year to serve. Thus seven vacancies must be filled. The Chairman: Two years ago we had quite a lively contest—a dozen nominations for six seats. Mr. W. H. Clubb (Vice-President) moved as an amendment: "That the whole of the Council retire annually, each member being eligible for re-election." The Chairman having stated that the Council favoured the amendment and would co-opt seven members, the amendment was agreed to *nem. dis.* The seven co-opted members were announced and endorsed as follows: Messrs. Harold Wyatt, J. R. Wallbridge, John Jones, Martin Hughes, R. P. Hirst, A. J. Ferriday, and W. P. Evans. The Vice-President and the *Hon. Treasurer* were re-elected. Mr. A. S. Furniss (Rocky Lane) being chosen *Hon. Secretary*. Mr. Furniss had worked well (Mr. Hirst stated) not only for the Association, but also for the Pharmacists' Training Corps and the hospitals during the war. On the motion of Mr. David Evans, the Chairman was thanked for his services as President during three years of stress. In reply, the Chairman said his term of office had witnessed an accession of over seventy members, the maintenance of a practical interest in the proceedings, and a realisation of his hope that 1,000% might be raised for the W.B.F. He left the chair with great regret, but he would continue to attend Council and Association meetings with the same regularity and active interest. He was glad to be succeeded by the President elected, according to rule, at the October meeting (Mr. David Evans), who deserved the honour and had worked hard and efficiently as *Hon. Secretary*. Mr. David Evans, having been installed, delivered the presidential address on *Some Business Problems*. It was, he said, six years since the chair was occupied by a retail chemist—and the Association

consisted mainly of retail chemists. It had been said that retail chemists "thought in grains," and he would suggest a reform or development in their mode of buying. Both in buying and in the regulation of prices, he wished to improve the relations between the retailers and the wholesalers. Much dissatisfaction had been expressed at the way in which the retailers were treated by the wholesalers, and, in his opinion, the manufacturers had not helped the retail chemists, as they should have done, to meet the competition of the multiple shops and the stores. Pharmacists should band themselves together and recognise that, while the wholesalers were useful, they were far from being indispensable. It would be interesting to know how the manufacturers had disposed of sugar supplies, seeing that many retailers could not obtain even small quantities of medicated lozenges. He advised retailers to confine their custom to those wholesalers who did not enter into competition with the retailers. Having complained of the delay in sending on invoices and advocated a further reduction in the hours of opening of pharmacies, he counselled the invocation of the Pharmaceutical Society to facilitate the demobilisation of pharmacists and assistants, and expressed his hope that the Liverpool Chemists' Association would take a prominent part in the coming reconstruction. The ex-President proposed a vote of thanks to the President, who had "given the wholesalers one in the eye." (Laughter.) He admitted that the retailers had cause of complaint, but the complaint referred to was due to the period of the war, while the wage-earning people were becoming the masters and the directors the servants. Shortage of staffs had compelled a resort to untrained ladies, but for whom many a business must have been brought to a standstill. The supply of medicated lozenges had failed because other ingredients than sugar were lacking. Shortening hours, railway delay, and the demands by soldiers and hospitals had accounted for numerous complaints. He was glad to see the chairman and other directors of Ayrton, Saunders & Co., Ltd., present. Mr. W. H. Saunders described the evening as the most pleasant he had spent with the Association. (Laughter.) The retailers had never had such a prosperous time as during the last three years, and that had been due largely to the untiring efforts of the wholesalers. There was a difference between excess profits and excessive profits. The excess profits went to the Government. He proceeded, by quoting a long list of comparative prices and overhead charges, to show that wholesalers had been selling at greatly diminished rates of profits. As to invoices, one man and forty girls had to make out the invoices for his company, which employed during the war 550 girls, a large proportion of them being in place of men. Dr. Symes, Mr. Moreton Parry, and others expressed general approval of the address, and incidentally the extension of the "dinner-hour" custom met with favour. The Vice-President said the real remedy for all retail grievances centred in self-combination, and they must increase their charges in proportion to the cost. In putting the vote, which was tendered cordially and acknowledged, the ex-President gave some striking details concerning the wages of boys past and present. He agreed that retailers should combine, and charge according to cost.

Newport.—A meeting of the Newport (Mon.) Chemists' Association was held at the Shaftesbury Hotel on January 28. Mr. Benson Harries (President) in the chair. The Secretary submitted the balance-sheet for 1918, which showed a satisfactory sum in hand. The following officers were appointed for the ensuing year: *President*, Mr. T. J. Badgett; *Hon. Secretary*, Mr. J. Menhinick (reappointed); *Committee*, Messrs. Badgett, Findlay, Benson Harries, Menhinick, Shelley, and Wilson. The retiring President, Mr. Benson Harries, received an especially hearty vote of thanks for his past two years' services, which have included the inception and establishment of the Federation of South Wales and Monmouthshire Pharmacists' Local Associations (principally due to his enthusiasm) and invaluable work on behalf of the Parliamentary Fund and the War Auxiliary Benevolent Fund. The Secretary was thanked for his services and voted an honorarium. It was decided to continue the prescription-checking contract with the Local Associations Executive and to alter the Association's title as above.

Preston.—A successful whist-drive and dance, organised by the Preston Pharmacists' Association, was held at the Unitarian Schools on January 30 in aid of the War Auxiliary Benevolent Fund, at which over 140 members and friends were present. The prize-winners were: (1) Mrs. Livesey and Mr. Wilkinson; (2) Miss Lambert and Mr. H. Nutter; (3) Mrs. H. Armitage and Mr. Riley. In the interval before refreshments Miss Walmsley and Mr. J. W. Dransfield tastefully rendered songs. The remainder of the evening was devoted to dancing, Mr. J. F. Burnett acting

as M.C. The evening was very much enjoyed by all, and as a result the Fund will benefit handsomely.

Shropshire.—The annual meeting of the Shropshire Pharmacists' Association was held on January 30. Owing to the unavoidable absence of the President, Mr. T. R. Sparrow, the chair was taken by Mr. W. Gowan Cross. The Treasurer's report was read and adopted. The following officers were elected for 1919: *President*, Mr. A. Williams, Shrewsbury; *Vice-President*, Mr. W. J. Brown, Ludlow; *Hon. Secretary*, Mr. J. B. Gouldbourn, and *Treasurer*, Mr. C. W. Eldred, Shrewsbury. A vote of thanks was accorded to the retiring officers and committee for their past services. Mr. Cross read the list of subscriptions to the War Auxiliary Benevolent Fund, and a first instalment of about 40*l.* was forwarded to the Pharmaceutical Society. It was mentioned that the Shrewsbury pharmacists are now closing at 7 p.m. (8 p.m. on Saturdays), and it was suggested that county members might do the same. At the conclusion of the meeting the members were entertained to tea by Mr. Cross.

Warwickshire.—At the annual general meeting of the Warwickshire Pharmaceutical Association, Mr. Hutton (Leamington) was reappointed *President*, Mr. Lester (Nuneaton) *Vice-President*, Mr. Winfield (Solihull) *Treasurer*, and Mr. Davis (Leamington) *Secretary*. The President and Secretary of the Pharmaceutical Society were elected (*ex officio*) members of the Executive Committee, which was re-appointed. The Divisional Secretaries were again elected, and appointed to act as official collectors for the War Auxiliary Benevolent Fund. Efforts are to be made to secure that, if possible, a pharmacist should be appointed to serve on each of the Maternity and Child Welfare Committees in the Association's area. A letter from the Proprietary Articles Trade Association, offering to attend the next meeting, was received, and it was decided to send a cordial invitation for the April meeting, giving alternative dates. A strong feeling that something should be done forthwith towards obtaining improved conditions for Insurance dispensing for 1920 resulted in the Secretary being instructed to get into touch with the Local Associations Executive Committee and offer the services of the Association for that purpose. Subscriptions received during the year amounted to 10*l.* and the expenditure to 12*l.* 10*s.* 3*d.* The monthly issue of price-lists to members accounted for most of the outlay.

West Bromwich.—The annual general meeting of the West Bromwich Pharmaceutical Association was held at 195 High Street on January 28, when the following officers were elected for 1919: *President*, Mr. C. H. White; *Vice-President*, Mr. C. K. Bourne; *Treasurer*, Mr. J. Rex Allen; *Hon. Secretary*, Mr. E. M. Forster, 26 Birmingham Street, Oldbury. The retiring President (Mr. G. Hampton) gave a short *résumé* of a successful year's work, and congratulated the new President on taking office in a year of peace.

Worcester.—The annual meeting of the Worcester City and County Pharmacists' Association was held at the Hop Market Hotel, Worcester, on January 30. Mr. A. E. Coverdale (President) in the chair. The Hon. Secretary and Treasurer (Mr. D. G. Pout) presented a very satisfactory balance-sheet, the total assets amounting to 42*l.* 7*s.* 11*d.* All the officers were re-elected, as were also the members of the Committee except Mr. Aubrey, who has resigned and is replaced by Mr. Derbyshire. The President and Secretary of the Pharmaceutical Society were elected as *ex officio* members, and Mr. H. Haywood was appointed hon. auditor. Mr. Derbyshire then opened a discussion on the minimum retail-price list. He thought that every chemist in the county should have a copy and agree to accept the prices therein as a minimum. He suggested it should be provided free of charge by the Association. The Secretary pointed out that this would absorb about 70 per cent. of the annual subscription; at present the list is sent post free at a cost of 1*s.* per annum per subscriber, being equivalent to 20 per cent. off the annual subscription. It was eventually agreed that the Secretary circularise those chemists not at present taking the list, and that a sample copy be sent to each. Mr. Wilson Sudlow drew attention to the new dispensing charges in the list, and urged that these should be accepted as a minimum in the county. Some discussion ensued, and it was eventually agreed that the matter be discussed fully at a meeting in the near future, when Mr. Wilson Sudlow would open the debate. The Pharmaceutical Society's circular and Mr. Parry's letter on the War Auxiliary Benevolent Fund were read, and the Secretary was instructed to appeal to the members for their support of the Fund. Donations were promised by Messrs. A. E. Coverdale (5*l.*), J. Need (5*l.*), S. Harris (5*l.*), and the Secretary stated that he had forwarded 5*l.* from each of Messrs. Boots' branches in Worcestershire. At the close of the meeting tea was provided.

Trade Report.

42 Cannon Street, E.C. 4, February 6, 3 p.m.

BUSINESS in chemicals and drugs does not show any improvement, and none is expected while the present unsettled conditions prevail. The sporadic strikes up and down the country are considerably interfering with business, and the holding up of passenger traffic in the Metropolis adds to the difficulties. Prices of many items continue more or less unstable, especially as regards pharmaceutical chemicals, the declines including aspirin, benzoates, salicylic acid, hydroquinone, resorcin, and phenacetin. The drop in freights has helped to accentuate the reduction in prices. Last week there was a big cut in the Transatlantic rates by British shipowners, followed by a similar drop by the United States Shipping Board. This movement is highly significant, as it is being followed by lower rates to Australia, New Zealand, South Africa, and the Far East. It eventually means that certain imported goods will be available at lower rates, and indicates a return to more normal conditions.

Higher	Firmer	Easier	Lower
Amidopyrin	Black-haw bark	Almond oil,	Agar-agar
Leptandrin		B.P.	Antimony
Mandrake-root		Anise oil, star	Atropine cryst.
(N.Y.)		Balsam tolu	Atropine sulph.
Salicin		Cinnamon-leaf	Benzoic acid
Serpentary-root		oil	Butyl chloral
(N.Y.)		Clove oil	hyd.
		Cloves	Calumba
		Condurango	Camphor
		Copaiba	monobrom.
		Cumin seed	Caramel
		Damiana	Collodion
		Jalap resin	Farina
		Menthol	Fenugreek-seed
		Methyl salicyl.	Glucose
		Pimento oil	Heliotropin
		Podophyllin	Honey
		Resorcin	Hydroquinone
		Salicylic acid	Lemongrass oil
		Sandalwood	Lime oil (W.I.)
		oil	Nux. omica
		Uva ursi	Phenol
			phthalein
			Petroleum
			products
			Sal prunella
			Salol
			Saltpetre (Eng.)
			Sassafras oil
			Soda benzoate
			Terpin hydrate
			Thymol
			Turpentine (Fr.)
			Wax, bees'

Cablegram.

NEW YORK, February 5.—Business is fair. Menthol is dearer at \$6 per lb. Cartagena ipecacuanha has been reduced to \$3.50. Mandrake-root (podophyllum) is higher at 18c. Belladonna-root is lower at \$1.50, and serpentary-root has advanced to 65c. per lb.

AGAR-AGAR is lower, with spot sales of No. 1 Japanese at 2*s.* 4*d.* and No. 3 at 2*s.* per lb.

AMIDOPYRIN is firmer at 75*s.* per lb. net on spot.

ANISE is quoted at 80*s.* per cwt. for Russian and 90*s.* for Spanish.

ANISE OIL (STAR) is easier with sellers at 5*s.* for "Red Ship" on spot, and 4*s.* 9*d.* c.i.f.

ANTIMONY.—The market is much weaker owing to the cutting of the Government price for regulus by 10*l.* a ton from 55*l.* to 45*l.*, this being due to the stronger desire to find an outlet for the large surplus on their hands. Quotations for parcels held privately have been also reduced, but these are quite nominal at about 43*l.* The position in America has thus further weakened, but it is reported that rather a drastic curtailment of mining operations in China has to be reckoned with while importations are still subject to permit. In the present state of demoralisation, buyers are holding off, and crude is purely nominal.

ARSENIC.—Although the pressure to sell is not quite so pronounced, the market is still very weak chiefly because of an absence of trade demand. Some parcels have been sold down to about 73*l.* delivered London, and quotations

for white powder range from about 73*l.* up to about 78*l.*, and even 80*l.*, according to quantity and place of delivery. The continuous fall may eventually have a restraining effect on the progress of mine operations, although given a reduction in freight costs in the case of imported material, current rates would still afford producers a decent margin of profit.

ASPIRIN is in easier tendency at from 13*s.* 6*d.* to 14*s.* per lb. on the spot.

ATROPINE is lower, makers offering the pure crystals at 120*s.* and sulphate at 100*s.* per oz.

BALSAMS.—Current net prices are: Central American, *Copaiba*, B.P., 5*s.* 6*d.*; filtered Para, in cases, 3*s.* 6*d.*; unfiltered Maranham, in casks, 5*s.* 6*d.*; filtered, in cases, 5*s.* 10*d.* Canada, 7*s.* 3*d.* to 8*s.* Oregon, 3*s.* per lb. Genuine B.P. Peru, in cases, 18*s.* 6*d.* spot, and 16*s.* 6*d.* to arrive. Tolu, 8*s.* 6*d.*

BARBITONE is offered at 80*s.* per lb. net on spot, and 75*s.* to arrive.

BENZOATES are lower, benzoic acid ex toluol offering at 1*s.* to 15*s.* 6*d.*, and benzoate of soda at 14*s.* 6*d.* to 15*s.* 6*d.* per lb. net.

BUTYL CHLORAL HYDRATE is rather lower, offering at 8*s.* per oz. net.

CALUMBA has sellers at 210*s.* per cwt. on the spot. Further arrivals have taken place.

CAMPHOR MONOBROM. is offered at from 12*s.* 6*d.* to 13*s.* per lb. on the spot.

CANARY-SEED is steady at 280*s.* to 290*s.* per quarter for ordinary to good Morocco, and 295*s.* to 305*s.* for fair to good bold Spanish.

CARAWAY-SEED.—Retail sales of natural Tunis are reported at 220*s.* per cwt.

CHLORAL HYDRATE is easier, with spot sellers at from 10*s.* 9*d.* to 10*s.* 3*d.* per lb., duty paid.

CINCHONA.—The 911 bales of bark offered at Amsterdam on January 23 by tender were sold at contract prices for inland consumption. At the auction held on January 23 123 packages offered and only 18 sold at from 1*fl.* to 2*fl.* per half kilo. The first-hand stock in Amsterdam consists of 100 bales.

CLOVE OIL has sellers at 13*s.* per lb. from dealers' hands.

CLOVES.—Zanzibar continue in slow demand, and are 1*d.* cheaper at 1*s.* 1*d.* for fair on spot.

COLLODION is lower at 6*s.* 3*d.* per lb.; meth. is unchanged at 3*s.* 1*d.*; flexile is lower at 6*s.* 9*d.*, and meth. is unchanged at 3*s.* 5*d.* per lb.

COPPER SULPHATE.—There has been no further development, the market being still nominal, but fairly numerous tentative export inquiries have come forward from neutral countries since the price has been dropped to 50*l.* f.o.b. Liverpool less 5 per cent. Makers seem of opinion that the near future should see some considerable improvement in new business providing a more definite and satisfactory basis of prices can be established. American competition, however, must be expected.

CORIANDER-SEED is slow of sale at 27*s.* 6*d.* to 30*s.* per cwt. for ordinary to good Morocco.

CUMIN-SEED is dull and neglected, the quotation being 50*s.* to 52*s.* 6*d.* per cwt. for fair to good Morocco.

DILL-SEED.—A few bags have been sold at 50*s.* per cwt.

FARINA remains dull, with sellers of No. 1 Japanese on the spot at 41*s.*, and to arrive the sales include January-March shipment and afloat at 40*s.* c.i.f.

FENNEL-SEED is offering at 50*s.* per cwt. without business resulting.

FENUGREEK-SEED is pressed for sale, and can be bought at 18*s.* 6*d.* per cwt., perhaps at 18*s.* for a quantity.

GALLIC ACID.—Pure crystals are quoted at 7*s.* 6*d.* Tannie leviss., B.P., is 10*s.*

GLUCOSE is lower, with liquid for January-February shipment offering at 43*s.* per cwt. c.i.f.

GLYCERIN is obtainable at 120*s.* per cwt. for chemically pure.

HELIOTROPIN crystals are offered at the cheaper rate of 26*s.* on the spot.

HEMP-SEED is obtainable at 66*s.* per cwt. on the spot.

HONEY.—Arrivals include a good-sized quantity from Australia, also sundry parcels from Japan. Australian is offered at 90*s.* c.i.f.

HYDROQUINONE is cheaper on the spot, with offers to sell at 13*s.* 3*d.* to 13*s.* 6*d.*

JALAP RESIN is easier, makers offering at 34*s.*, and powdered at 35*s.* 6*d.* per lb.

LEPTANDRIN is 2*s.* per lb. higher, makers offering at 20*s.* net.

MENTHOL is easier at 19*s.* 6*d.* per lb. for Kobayashi-Suzuki, and Yazawa is quoted at 18*s.*

METHYL SALICYLATE is obtainable at the easier rate of 8*s.* 9*d.* on the spot.

MILK-SUGAR has sellers at 1*s.* 6*d.* per lb. on the spot. Some of the weak holders appear to have cut their losses recently.

NEX VOMICA.—Spot supplies are much more plentiful, and prices are lower at 50*s.* per cwt., and 40*s.* c.i.f. to arrive.

OILS (ESSENTIAL).—The following are current quotations: Ceylon *Citronella*, 3*s.* 3*d.* to 3*s.* 6*d.* *Lemongrass*, 5*d.* to 6*d.* per oz. East Indian *Palmarosa*, 16*s.* 6*d.* *Star anise*, 5*s.* 3*d.* spot, and 5*s.* c.i.f. for "Red Ship." *Cassia*, 80 to 85 per cent., 7*s.* 9*d.*; 70 to 75 per cent., 7*s.* 4*d.* Bourbon *Geranium*, 25*s.* 6*d.* spot, and 25*s.* c.i.f. French *Petitgrain*, 25*s.*, and Paraguayan, 15*s.* *Wintergreen*, 22*s.* 6*d.* per lb. *Juniper berry*, 32*s.* 6*d.*; wood, 8*s.* 9*d.* *Caraway*, rectified, 22*s.* 6*d.* *Almond*, essential, s.a.p., 49*s.* per lb. *Eucalyptus*, B.P., 3*s.* 6*d.* to 3*s.* 8*d.* *Bergamot*, 38 per cent. esters, 24*s.* 6*d.* to 25*s.* c.i.f. for February-March shipment. *Lemon*, 5*s.* 6*d.* spot, and 5*s.* 2*d.* to 5*s.* 4*d.* c.i.f. Sicilian sweet *Orange*, 12*s.* 6*d.* per lb.

OLIVE OIL.—With reference to the notice in our issue of September 14, 1918 (p. 49), respecting the export of olive oil from Spain, the Board of Trade are in receipt of telegraphic information from H.M. Ambassador at Madrid to the effect that the export of olive oil is now authorised up to a total quantity of 90,000 tons, subject to permit, and on condition that a quantity equal to 50 per cent. of the amount applied for is placed in bond for home consumption. The export tax is reduced to 25 pesetas per 100 kilos. for oil in barrels and skins, and to 20 pesetas per 100 kilos. for Spanish trade-mark brands in tins and bottles.

PETROLEUM PRODUCTS.—A new schedule of maximum wholesale prices for petrol and other petroleum products came into effect as from February 1. Under the new schedule spirit in cans may not be sold at above the following prices, wholesale per gallon: Aviation, 3*s.* 0*d.*; special boiling points, 2*s.* 11*d.*; No. 1, 2*s.* 10*d.*; No. 2, 2*s.* 9*d.*; No. 3, 2*s.* 8*d.* For delivery to commercial consumers (not for re-sale) in steel barrels, 1*d.* per gallon less than can price, and for delivery in bulk to commercial consumers (not for re-sale), 1*d.* per gallon less. 1*d.* per gallon may be added when sold for delivery in Scotland or Ireland. For kerosene, per gallon: Long time burning oil in bulk, 1*s.* 3*d.*; No. 1, 1*s.* 3*d.*; No. 2, 1*s.* 2*d.* For delivery in barrels ex wharf, 2*d.* per gallon additional. 1*d.* per gallon may be added when sold for delivery in Scotland or Ireland. Raw white spirit as imported, ungraded and unrefined, sold to manufacturers for distribution in accordance with licences issued by the Ministry of Munitions, 2*s.* 3*d.* per gallon. Gas oil, in bulk ex wharf, 8*d.* per gallon. For delivery in barrels ex wharf, 3*d.* per gallon addition. Fuel oil, in bulk ex wharf, 7*l.* 10*s.* per ton. For delivery in barrels ex wharf, 3*d.* per gallon additional.

PHENOLPHALEIN is lower, with sellers at 28*s.* per lb.

PIMENTO OIL.—West Indian distilled is easier at 15*s.* 6*d.* per lb. on the spot.

PODOPHYLLIN RESIN is easier at 33*s.* per lb. net from makers.

QUININE ETHYL CARB. is obtainable at 14*s.* 6*d.* per oz.

RESORCIN is easier, with spot sellers at 33*s.* per lb. net.

SALICYLATES.—Salicylic acid is offered at the slightly reduced price of 3*s.* per lb. for either English or American powder. Soda salicylate is quoted at from 4*s.* 6*d.* to 4*s.* 9*d.*

SALOL is about 6*d.* per lb. lower, with spot sellers at 7*s.* per lb.

SALTPETRE.—English makers have reduced their prices by 2*s.* per cwt., quoting crystals and granulated in 1-cwt. bags at 53*s.* 6*d.*, and 2-cwt. bags at 52*s.* 6*d.*; powder 2*s.* per cwt. extra. These are the minimum prices for contract quantities.

SAL PRUNELLA.—Makers have reduced prices by 2*s.* per cwt., quoting 78*s.* per cwt. for large glob., 99*s.* for small, and 173*s.* for tiny (for scent-bottles).

SANDALWOOD OIL meets with a quiet sale at about 48*s.* per lb. net on spot.

SASSAFRAS OIL.—American natural is easier at 13*s.* 6*d.* per lb.

TURPENTINE.—French is 5*s.* lower. The Turpentine Distributors' Association state that, having reached the reserve required by the Ministry of Munitions to be held for the present (November 25, 1918), no further sales of American must be made by the members of the Association. Sales, therefore, until further notice, in French only at 100*s.* per cwt. London, 101*s.* Liverpool and Glasgow, 102*s.* Bristol and Manchester.

TERPIN HYDRATE is cheaper, with spot offers at from 2*s.* 10*d.* to 3*s.* 3*d.* as to quantity and seller.

THYMOL is lower, with spot sellers at 44*s.* per lb.

WAX (BEES').—Jamaica is lower, offering at 10*l*. 15*s*., East African at 9*l*. 10*s*., yellow Calcutta at 9*l*., and bleached at 14*l*. per cwt.

ZINC PRODUCTS.—Having regard to future developments in zinc products, it is well to bear in mind that a big cut has been made in the price of spelter, which is now obtainable at 49*l*. per ton, as compared with 56*l*. the previous price, which was in force for a long time past. Zinc oxide, for instance, is chiefly governed by fluctuations in the value of raw material, but no reliable prices are obtainable for the time being. The cut in spelter is chiefly due to the slack demand and accumulations on this side arising from the war surplus supplies. The position in America is more particularly weak, and it is probable that offers of zinc oxide from that quarter will come along more freely in the near future.

French Drug and Herb Market.

Paris, January 20.

The 1918 crop of botanical drugs in France was on the whole deficient in practically all products, and this was strongly expressed in the prices. Agriculture, which was more remunerative than ever, drew many away from the gathering of medicinal herbs, some of which are wanting this year. Fortunately, belladonna, stramonium, and other narcotics, indispensable for the war, have been cultivated on a large scale, and have even been supplied to our Allies. *Bilberries*, of which France exported on an average 300 to 400 tons, have been gathered in insignificant quantities, which explains their high price of 300 fr. (110*s*. per cwt.). *Sloeberries* are scarce, and the price is 250 fr. (93*s*. per cwt.). *Arnica-flowers* have been gathered in sufficient quantities, because the price of 750 fr. to 800 fr. (280*s*. cwt.), against 30 fr. (29*s*. 6*d*.) before the war, has encouraged picking. In spite of an evident over-production of *Chamomiles*, the extremely high prices of 1917 have been maintained for a fairly long time. It was only the armistice and the impending resumption of Belgian exportation which finally made prices decline to 625 fr. (230*s*. cwt.) for No. 1. The importation of *Poppy-flowers* having been rendered difficult by restrictions, the high price of 750 fr. (275*s*. cwt.) has been reached. *Red roses* can still be found in small lots at 700 fr. to 750 fr. (270*s*. cwt.). Many other flowers, although abundant in our country, have had to be imported from Switzerland and Spain, who have taken advantage of the situation. This must be remembered when free competition has been restored. *Belladonna-leaves* are now cultivated in large quantities, and thrive very well near Paris; the leaves are very fine, and the yield of atropine averages 0.45 per cent. The total production is at present 40 tons, of which still about 8 to 10 tons must be held by the producer. In a month the drug has fallen from 1,300 fr. to 600 to 700 fr. (255*s*. per cwt.), where the price seems to have definitely stopped. *Digitalis* has reached exorbitant prices, and is hard to find even at 450 fr. (165*s*. cwt.). The *digitalis* yields but little extract, that from the centre of France averaging 0.35; that from the Vosges, averaging 0.55, has been gathered this year by the military authorities and reserved exclusively for army or home use. The fancy prices which *Henbane* has reached encouraged the peasants to cultivate it. Unfortunately, the great drought hindered the crop, but the little that was obtained was quickly bought at 1,100 to 1,200 fr. (400*s*. to 440*s*. cwt.), owing to the fine quality and its richness in alkaloids. We hope to reach a yield of 20 to 30 tons if the next season is drier. *Peppermint* has succeeded well in spite of the harm done by the frosts. There are still stocks of good quality at 550 fr. (202*s*. cwt.). *Stramonium*, on the other hand, has had to suffer considerably from the cold, and the few lots offered were quickly bought at high prices. Spain has tried to make up for this famine by its "wild" stramonium, which is without medicinal value. *Teazle* is now cultivated with success, and more than 150 tons have been exported at fairly high prices—viz., from 190 fr. to 200 fr. (70*s*. cwt.). Our cultivators are making still greater efforts to get orders from overseas which formerly went to Germany and Austria. *Aconite-root* is scarce and maintained at 350 fr. to 375 fr. (120*s*. cwt.), whilst *Angelica-root* has fallen to 450 fr. to 425 fr. (170*s*. cwt.) owing to foreign competition. Owing to the lack of suitable drying-stoves, our cultivators of *Belladonna-root* could not utilise the drug, and let it rot after it was pulled out. It is only lately that some exporters have begun to dry these roots, which yield 0.40 of atropine on an average and can easily be sold at 700 fr. to 800 fr. (250*s*. to 300*s*. cwt.), or perhaps for much lower on contract. *Gentian* is for the moment neglected at 140 fr. (53*s*. cwt.), against 120 fr. (44*s*. cwt.) for Spanish. *Dandelion-root* has sold well for export, and is becoming scarce at 240 fr. to 250 fr. (90*s*. cwt.). *Angelica-seeds* are declining at 500 fr. (186*s*. cwt.).

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the various British ports:

To London			
(Jan. 27 to Feb. 1).			
Alcohol (W.I.), 486 puns.; (Phila.), 69 drms.			
Almonds (B'bay), 162 bgs. (Sp.), 1 2 bgs. 200 sks.; (Port.), 121 serons 300 bgs.			
Antim. ore, 3,089 bgs.			
Barytes (Sp.), 1,000 bgs. 600 brls.			
Bismuth ore, 1,247 bgs.			
Cascin (E.I.), 187 bgs.			
Chemical products: (Fr.) 5 cs. 2 drms. 53 pks.; (N.Y.) 250 kgs. 10 cs.			
Argol (Sp.), 189 cs.			
Formaldehyde, 112 brls.			
Pot. carb. (Cal.), 7 pks. 200 cs.			
Pot. chlor. (Go'burg), 200 kgs.			
Saltpetre, 1,970 bgs. 3,390 pks.			
Tartar (Sp.), 350 brls. 100 bgs.			
Drugs, etc. (Fr.), 3 cs.; herbs (Fr.), 19 brls.			
Aloes (B'bay), 140 kgs.			
Calumna, 367 bgs.			
Cardamoms, 162 cs. 53 pks.			
Copaiba (Trin.), 30 pks.			
Cuttle-fish bone, 139 pks.			
Galls (B'bay), 41 bgs.			
Gentian (Sp.), 119 pks.			
Liquorice (N.Y.), 130 cs.			
Liquorice-paste (Sp.), 89 cs.			
Liquorice-root (Sp.), 98 pks.			
Nux vomica, 440 bgs. 600 pockets 1,000 pks.			
Opium (B'bay), 300 cs.			
Rose leaves (Sp.), 4 bgs.			
Senega, 4 bls.			
Tamarinds (Mont.), 26 pks. (St. Kitts), 94 brls.; (E.I.), 25 pks.			
Thyme leaves (Sp.), 16 bls.			
Tonka beans, 1 x 1/2 brl.			
Turmeric, 2,910 bgs. 62 pks.			
Valerian (B'bay), 52 bgs.			
Dyes, dyeing and tanning materials, 1,720 bgs.; indigo (Sp.), 26 pks.; (Cal.) 19 cs.; myrobalans, 4,000 pockets; orchella (Port.), 22 bls.; tanning ext. (N.Y.), 100 bls.			
Gelatin (Fr.), 98 cs. 185 bls. (Sp.), 20 cs.			
Gums, etc., not described (Paris), 12 cs. 3 cks.; damar (Amst.), 59 cs.; olbanum, 50 cs.; seedlac, 150 bgs. 205 pks.; shellac, 45 cs. 2,019 bgs. 44 pks.; buttpu, 100 cs.; tragacanth (B'bay), 385 cs. 1,01 bgs.			
Honey (Trin.), 401 brls.; (Sp.), 135 brls. 4 cs.; (N.Y.), 90 cs.; (A.st.), 810 cs.			
Lime-juice, 15 puns. 9 bhds. 823 cks. 5 x 1/2 cks.			
Molasses, 136 puns. 42 bhds. 1,244 brls. 350 cks.			
Oils, essential (Sp.), 2 drms.; citronella (B'bay), 4 drms.; lavender (Sp.), 8 drms.; lemongrass (B'bay), 10 drms.; lime (Gren.), 9 cs.; palmarosa (B'bay), 8 drms.; rosemary (Sp.), 1 drms.			
Oils, fixed: coconut (Cey.), 678 pks.; ground nut, 1,024 cs.; olive (Sp.), 126 brls.; (Fr.) 23 cks.; sperm., 170 brls.; turpentine (Fr.), 1,050 cks.			
Perfumery (Fr.), 20 cs.			
Resin (Port.), 204 cks.			
Seeds: dill, 348 bgs.; kurdee, 73 bgs.; lin (E.I.), 112,075 bgs.; mustard, 930 bgs.			
Spices, etc.: cashew nuts, 371 cs.; cloves, 440 bds. 70 pks.; ginger, (B'bay) 463 bgs.; (Cal.) 85 pks.; mace, 98 cs.; nutmegs, 304 bgs. 15 cs.; pepper, blk. 3,485 bgs. 75 pks., white 130 bgs.			
Starches (Sp.), 300 bgs. 290 cs.			
Wax, bees' (Port.), 43 bds.; (Cal.), 56 bds.; (E.I.), 30 cs. 25 bls.			
Wax, not described, 84 brls.			
Wax, paraffin, 1,767 brls.; scale, 3,169 brls.			
To Liverpool			
(Jan. 25 to 31).			
Albumen, 275 cs.			
Chemical products (Fr.), 20 cs.			
Beuzoic acid (Jap.), 10 cs.			
Calc. acetate (Boston), 369 bgs.			
Lactic acid (Boston), 50 cks.			
Morphine (Alex.), 3 bkts.			
Pot. chlor. (Fr.), 555 brls.			
Pot. permang. (Jp.), 60 cs.			
Tannic acid (Jap.), 10 cs.			
Tartar (Fr.), 218 cks. 200 bgs.			
Drugs, etc.: medicines (Boston), 846 bxs. 840 cs.			
Agar agar, 25 bls.			
Galls (Ch.), 64 cs.			
Insect flowers (Jp.), 86 bls. 17 bds.			
Menthol, 50 cs.			
Senega (St. John's, N.B.), 31 bls.			
Turmeric, 80 bgs.			
Dyes, dyeing and tanning materials: cutch, 2,200 pks.			
Honey (R. Plate), 179 cs. 15 cks.; (Jap.), 19 brls.			
Oils, essential: anise, star, 60 cs.; camphor, brown, 60 cs.; mint (Jap.), 127 cs. 322 pks.; petit-grain (R. Plate), 22 cs.			
Oils, fixed: castor (Cal.), 3,041 cs.; coconut, 25 crts.; hardened, 168 cs.; palm, 2,018 cks.; teaseed, (Jp.) 100 cs.; (Ch.) 514 cs.; turpentine (Fr.), 500 cks.; wood, 60 cs.			
Perfumery (Fr.), 10 cs.			
Resin, 119 brls.			
Seeds, etc.: almond (Sp.), 50 sks.; bassu nuts, 399 bgs.; ground nuts (W.C. Af.), 3,000 tons; linseed, 2,802 sks.; (B. Ayres), 5,512 bgs.; palm kern., 9,557 bgs. 236 tons			
Spices: chillies (E. Af.), 113; cinnamon (Cey.), 245 cs. 250 bls.; ginger, (Jp.), 240 bgs. (Jam.) 113 bgs.; (H. Kong) 160 cks. 1,205 cs.; nutmegs (S'pore), 795 cs. 160 bgs.; pepper, blk. (B'bay), 355; wh. (S'pore) 2,01 bgs.; (Cey.) 80 cs. (Penang) 390 bgs. (N.Y.) 350 pks.			
Starches, 24 cs. 799 bgs.; dextrin (Jp.), 1,310; farina (Jp.), 17,755 bgs. 1,149 cs. 12; bis. rice, 248; wheat, 160 cs. 385 bgs. 2,944 pks.			
Wax, bees' (Chile), 202 sks.			
Wax, candelilla, 215 sks.			
Wax, carnauba, 795 sks. 3,121 bgs.			
Wax, paraffin, 5,071 brls.			
Wax, veget. (Jp.), 506 cs. 37 pks.			
Zinc oxide (N.Y.), 588 brls.			
To Folkestone.			
Drugs (Fr.), 133 pks.; perfumery (Fr.), 303 pks.; perf. spirits (Fr.), 32 cs.			
To Manchester			
(Jan. 11 to 25).			
Alcohol, rect. (Natal), 500 drms.; almonds, 5,117 cs. 721 bgs.; calcium chloride, 4,725 drms.; casein, 395 tons; coconut oil (Cey.), 450 pps. 690 pks.; cinnamon (Cey.), 1,804 bls.; cotton seed (Alex.), 5,137 tons; formic acid (Fr.), 50 cks.; lavender oil (Fr.), 11 drms.; linseed (B. Ayres), 750 tons; tanning bark (Natal), 9,982 pks.; tartar, 83 brls.; resin (Fr.), 1,794 brls.; turpentine (Fr.), 1,320 brls.; whale oil (Natal), 529 drms.			
To Southampton			
(Jan. 13 to 25).			
Celery oil (Fr.), 2 cs.; lavender oil (Fr.), 16 cs.; toilet water (Fr.), 58 dhms.; saccharin (N.Y.), 200 cs.; tartar (Fr.), 146 cks. 105 cs. 36 bgs.; wax, bees' (Fr.), 12 pks.			
To Glasgow			
(Jan. 15 to 22).			
Calcium borate, 6,590 bgs.; cashew nuts, 150 cs.; castor seed, 5,644 bgs.; cloves (B'bay), 1,101 bds.; cream of tartar (Fr.), 11 cks.; cutch, 300 bxs.; linseed (B'bay) 29,256 bgs.; paraffin wax, 960 bgs.; pepper, blk. (B'bay), 1,052 bgs.; rape seed, 5,695 bgs.; turmeric, 547 bgs.			



Shorter Business Hours.

SIR,—I would like to put before your readers a suggestion regarding a forty-four hours' week for chemists. I fail to see why pharmacists should not participate in the post-bellum reconstruction in the matter of hours. We have minds and souls to be looked after as well as those affected just now. My suggestion is that the hours be from 9 A.M. to 7 P.M.; if you allow meal-hours, this will leave us with, as near as possible, a forty-four-hour week when we count off the weekly half-holiday. Now, to meet the public demand for medicines between 7 and 10 P.M. I suggest that a city or town be divided into districts, and each pharmacist take whatever day is selected, a display-board in each pharmacy indicating nearest pharmacy open on each night. Take the following concrete example—my own city, Belfast: Moffitt (Monday), Andrews (Tuesday), half-holiday Wednesday, McKnight (Thursday), Hogg (Friday). Saturday might be left open, as it is usually a busy late night. All that is wanted to carry a scheme as thus imperfectly outlined is the spirit of altruism in the craft. To my mind it is quite feasible, and I am quite prepared to tackle any difficulties that any reader might think of.

Yours truly,

Albert Hall Pharmacy, Belfast.

SAMUEL HOGG.

Insurance Dispensing Profits.

SIR,—Referring to the letter under this title in the *C. & D.* (February 1, p. 62), in this locality we have from 90,000 to 100,000 population, 35,000 to 37,000 insured persons, twelve pharmacists on the panel, and seven unqualified suppliers of drugs and appliances. The Insurance Committee's business for 1917 with these nineteen persons was 1,600%. The Insurance Committee refused, at the request of the Pharmaceutical Committee, to notify doctors and patients that chemists would, after a certain day, close at seven o'clock (instead of eight) on Monday, Tuesday, and Wednesday of each week, but did not fail immediately to threaten chemists who dared to do so. Seeing that there was no chance for relief for the remainder of the year just finished, the Pharmaceutical Committee tried to make arrangements for service for 1919, and gave notice in good time. The Insurance Committee refused to meet the Pharmaceutical Committee, and fixed the service as before without hearing the chemists—after the statutory time for breaking the contract had lapsed. Does the original contract that the chemist shall supply within a reasonable time during the ordinary hours of business hold good? If not, when and how was it changed, and why wasn't the proposed change advertised so that those affected could protest?

Yours truly,

ADAM. (4/2.)

"Lest we Forget."

SIR,—I have read your article "Lest we Forget" (*C. & D.*, August 3, 1918, p. 42) regarding the German poison-gas makers' chemicals, and quite agree that the British all the world over, no matter whether doctors, chemists, or members of any other profession, who are users of chemicals, should make it a point to give the British or Allied makes the preference, excluding those manufactured by German firms that have been bought over by people of other nationality, there being no guarantee that they will not, at some future date, be sold back to their original owners. It is to be hoped that the manufacturers will not rest until they are in a position to supply substitutes, or better, the exact same chemicals as those of German manufacture that are mostly in demand. The writer has had several samples of silver proteinate since the war began, but not one of them comes up to protargol in either colour or solubility. What we want is an exact copy at the same price, or if possible a little lower than the German make. I suggest that when the makers put them up they should put the German fancy name on as well as the chemical name, as one does not always remember the latter as easily as the former. Take heroin as an example.

Yours, etc.,

Shanghai.

"PETER OLEUM."

Registration without Examination.

SIR,—I much appreciate the contents of the letter by "Live and Let Live" (*C. & D.*, February 1, p. 62). I have just been demobilised after four years and three months' service in a combatant unit, and, like others, would appreciate some action which would help us to qualify quickly. Mr. Glyn-Jones, Secretary of the Pharmaceutical Society,

tells us that the Government will probably advance some money towards the expense of obtaining "the chemists' qualification. This would certainly help to fill the depleted coffers of the Pharmaceutical Society, but is there any necessity for that? Many demobilised men are getting on in years, have served an apprenticeship, and had experience in other shops, so that we are acquainted with the trade from A to Z. Is it not possible to form a register of such men—there must be hundreds of them—and to register us on the score of long experience?

Yours faithfully,

LIEUT. R.G.A. AND R.A.F. (43/59.)

The Patent-medicine Stamp.

SIR,—We should like to call attention to the very unfortunate and inequitable position in which makers of proprietary articles are placed by the Government in being precluded from advancing the prices of specialities (which the present price of raw materials makes so necessary) on account of the present rates and values fixed for stamp duties. If the present threepenny duty were allowed to cover articles up to the value of 1s. 6d., the situation would be much alleviated and be a great service to the proprietary medicine trade.

Yours faithfully,

D. S.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

B. R. (43/66).—SPIRIT REBATE.—The rebate is not allowed on all spirits and tinctures, but only on those which the Board of Customs and Excise have agreed to regard as medicinal. Sp. menth. pip. and sp. anisi are not so regarded.

Salol (37/68).—There is no new "Dental Act," but there has been a Select Committee sitting to consider what modifications, if any, there should be in the law governing the practice of dentistry in this country. The report is expected to be published at an early date.

H. M. T. (252/35).—BUSINESS NAMES.—The Registration of Business Names Act requires that businesses carried on under any other name than that of the proprietors shall be registered. The name of the individual, or in the case of a firm the names of the partners, must also appear in all "trade catalogues, trade circulars, and business letters." The name on the shop fascia is not included, nor are chemists' labels, but as you use a name in connection with the business other than your own you will require to be registered.

H. T. (37/73) asks whether an apprentice who is called up for military service during his apprenticeship is liable to finish his term of service upon being discharged from the Army. [Assuming that the apprentice is released from the Army before the date of termination of the apprenticeship mentioned in the indentures he is, in our opinion, liable to return to his master to complete his term. On the other hand, the Court might hold that the interruption of the term of service resulting from absence of the apprentice on active service rendered the apprenticeship agreement void. It must also be pointed out that upon attaining the age of twenty-one an apprentice has the option of electing to be discharged from his obligations to his master.]

F. W. (41/6) writes to say that he is applying at the general annual licensing meeting for a wine-licence, and he wishes to know what objections he has to be prepared to meet and what arguments he ought to use to support his application. [Without an acquaintance with the local circumstances it is not easy to say what would be the best line of argument to adopt. But "F. W." ought to be prepared to show the Licensing Bench that all the requirements as to notices prescribed by the Licensing Consolidation Act of 1910 had been complied with. Then the chief question would be whether the licence was really required for the needs of the neighbourhood, and this would be decided by what demand was in existence or likely to spring up for the liquor in the form in which it would be sold, and what licensed places already existed in the district to meet this demand.]

L. B. (45/55) was recently travelling by rail with his wife and child (aged 2½) when the door of the carriage opposite to that at which they entered flew open. The child was next to the open door, and his mother sprang forward to save him, causing her umbrella, which was a valuable one, to fall out of the door. Although "L. B." reported the loss at the next station, the umbrella has not been recovered. The railway company declines to meet the claim which "L. B."

has lodged in respect of the loss, stating that the umbrella should have been placed in the rack which is provided for light articles. Do we think that the railway company is liable to compensate "L. B." for the loss of the umbrella? [We are of opinion that the railway company is not under any liability in respect of the loss of the umbrella, unless "L. B." can prove that the carriage door flew open as the result of negligence on the part of the company.]

Nemo (36/45) bought a business last year for 3,000l. His profits for the year are 1,000l., and he wishes to know if he must pay excess-profits duty on the whole of this. He also asks about his liability for income-tax, and whether he can deduct a salary for himself of, say, 10l. a week from the profits before returning them for income-tax. [This is a case of a succession to a business, and excess-profits duty is only chargeable on the difference between the 1,000l. and the pre-war standard of profits applicable to the person from whom "Nemo" bought the business, less, of course, the usual statutory deductions. He ought to notify the local surveyor of taxes that he makes this claim to be taxed as a successor in the business. "Nemo" is not entitled to make any deduction from the profits by way of salary to himself. The charge for income-tax to which he is liable is based on the average of the profits from the business for the three years previous to the present tax-year, and it does not matter that he was not then the holder of the business.]

Balsam (38/25), to whom we replied in our issue of January 25, p. 52, now sends us further particulars of his profits and assessments for excess-profits duty. In the light of the figures now given, we find that "Balsam" gives a correct calculation of the assessment in his present letter. The special allowance to small traders does not apply, but the qualified special allowance does, and this latter we had left out of account in our reply. The account for duty, therefore, is:

Profits for accounting year 1917-18	...	...	£
Less pre-war standard of profits...	...	£607 10	1,000
" statutory allowance	...	200 0	
" special qualified allowance	...		
(2,000l.-1,000l.) $\frac{1}{3}$ —(607l. 10s.—500l.)	92 10		
		900	
Profits chargeable...	...	£100	
Duty at 80 per cent. is £80.			

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

G. R. & Co. (30/21).—"Pharmaceutical Formulas" is the most complete drug-trade formulaire there is, but it does not contain all the recipes you mention.

Southam (22/37).—METAL-POLISHING CREAM.—The total solids of the sample you send, dried at 100° C., amounted to 31.86 per cent.; the greater part—e.g., two-thirds—of the volatile portion was petrol, and the remainder was a weak solution of ammonia. The ash, apparently kaolin, amounts to 21.54 per cent., the remaining solids consisting of 10.32 per cent. of soap. The composition of the sample is thus approximately as follows:

Soap	...	10 parts
Kaolin	...	20 parts
Solution of ammonia	...	25 parts
Petrol	...	45 parts

Mix.

W. J. C. (43/24).—SACCHARIN.—An outline of the process of manufacture is given in *The Chemist and Druggist Diary*, 1919, p. 89. Within the past three or four years we have given particulars regarding the manufacture of aspirin (expired Patents 27,088 of 1898 and 9,123 of 1899); phenacetin (*C. & D.*, September 12, 1914, p. 38); phenazone (*C. & D.*, August 15, 1914, p. 37); salicylic acid (*C. & D.*, August 22, 1914, p. 37); but the manufacture on a commercial basis requires a consideration of the most suitable raw and intermediate products to employ, and also problems in chemical engineering which need considerable skill to solve.

Pharmacist (258/30).—BLOOD-PURIFIER.—The following is the formula for which you inquire:

Potass. iodid.	...	3ij. 3v.
Sp. chlorof.	...	Oij. 3xiiss.
Dec. sarsae conc.	...	Oij. 3xiiss.
Liq. potass.	...	3v. 5ij.
Aq. ad	...	Cij. Oviiss.

Misce.

W. H. L. (16/26).—PARSNIP WINE.—The following is an old recipe which we are told produces a good beverage:

Cut up 12 lb. parsnips, add 4 gals. water, and boil until soft. Squeeze the liquor out, strain, and to every gallon add 3 lb. sugar. Boil for three-quarters of an hour, allow to cool, and when nearly cold add a little yeast. Let the liquor remain for ten days in a vat, stirring every day; then transfer to a cask and allow it to remain for twelve months.

P. W. A. (25/41).—IMITATION DUTCH DROPS.—No definite formula is given in "Gray's Supplement," but the following from "Pharmaceutical Formulas" are good imitations:

I.	II.
Balsam of sulphur ... 3j.	Balsam of sulphur ... 5j.
Oil of turpentine ... 3iv.	Oil of turpentine ... 3ij.
	Huile de Cade ... 5iv.

Mex (43/11).—HAND-TABLETS.—The following is from "Pharmaceutical Formulas":

Curd soap	...	3j.
Hot water	...	3j.
Borax	...	5ss.
Anhydrous wool-fat	...	3ij.
Powdered camphor	...	5ss.
Oil of rose-geranium	...	miv.

Cut up the curd soap (which should be fresh) into shreds and place in a hot mortar with borax, add the hot water, and make into a paste. Melt the lanolin and the camphor together in a water-bath, and add the soap-paste; rub till smooth with a hot pestle, add perfume if desired, and mould into cakes.

Rusticus (239/10).—HOME-MADE CHOCOLATE.—A subscriber has sent the following recipe since we replied to your inquiry in the *C. & D.*, February 1, p. 64:

Plain cocoa	...	14 lb.
Cocoa-butter	...	2½ lb.
Saccharin	...	16 gr.
Vanilla essence	...	a sufficiency.

Incorporate the saccharin and vanilla essence with the cocoa, melt the cocoa-butter and add the cocoa, stir until homogeneous, then pour the mixture into tin pans.

J. R. (38/33).—INDIAN LINIMENT.—The formula given in *The Chemist and Druggist Diary*, 1917, only requires the letters "P.F." on the label as a reference to a recognised formulaire.

T. H. (29/30).—(1) BOOKS ON KITCHEN GARDENING.—Hibberd's "The Amateur Kitchen Garden" (Collingridge, 3s. 6d.); Sanders' "Allotment and Kitchen Garden" (Collingridge, 1s. 6d.); Thomas' "Vegetable Growing for Amateurs" (Cassell, 1s.); Rowles' "The Food Garden" (Headley Press). (2) DAMP CEILING.—The best treatment for the ceiling which has become discoloured by efflorescence duo to damp is to cover it with a paint containing some varnish, or employ one of the newer washable distempers.

C. A. C. (212/6).—STAIN-REMOVING SOAP.—This appears to be an ordinary pale brown soap containing, say, 5 per cent. of sodium silicate or 7 per cent. of water-glass. The ash amounts to 16.2 per cent. There is only a small excess of free alkali. A little perfume is also present.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Feb. 15, 1869.

Pharmacy Act.

The working of the Pharmacy Act cannot fairly be judged of for some years to come, but at present there does not seem to exist any causes for apprehension that it will cause much difficulty. The absurdity of putting poison labels on paregoric, syrup of poppies, and such comparatively harmless compounds is nearly sure to result in a depreciation of the horror which ought to surround that title; and this is clearly one of the weakest points of the Act. In very rural districts, we apprehend, it will be a long time before the restrictions will have sufficiently penetrated to cause the annoyances which will inevitably be inflicted when the huckster shopkeeper tells his bewildered customers that they must go to the nearest registered chemist for their supply of syrup of poppies and Godfrey's. We anticipate, from many letters which we have received, that many have got on the register without a proper claim; and from our experience of the dilatoriness of human nature, we have little doubt that many of the "rightful heirs" to that title are self-excluded by their own delay. We have still, however, good hopes that all will work well, and will result in much benefit to ourselves as well as the public.

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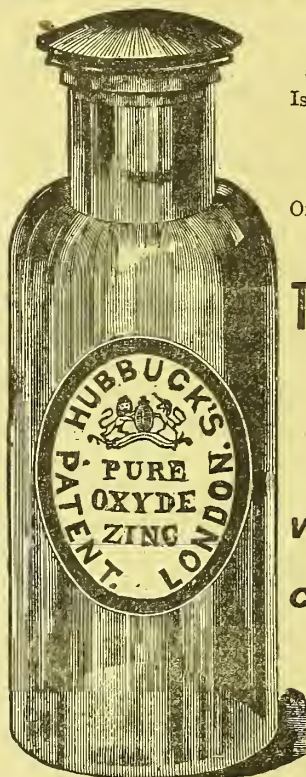
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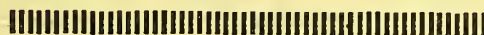
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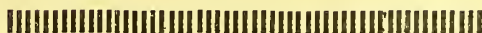
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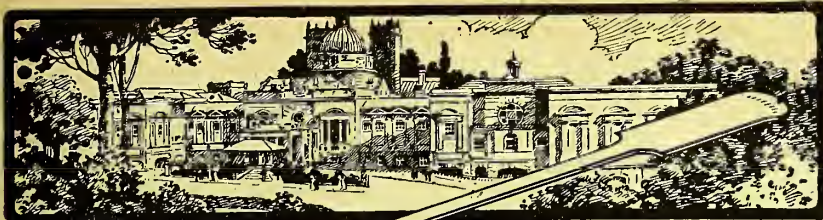
**The London
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**General Supplies
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Sweet, Pale,
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The
SPA
in a
SPOON.



EXTENDED BONUS OFFER

Owing to the Influenza Epidemic prevalent in many places during the dates of our last Bonus Offer in December, we have received many letters requesting the bonus on these grounds. I am, therefore, renewing the offer to **All Chemists**, on the dates specified, to meet the difficulty. Harley's Three Salts is the surest solvent for Uric Acid, and ensures satisfied customers. Attractively packed & steadily advertised, it is a ready seller. Send your order now with **15/10**. This offer yields **60 % Profit**. P.A.T.A.

Sole Maker & Proprietor—

HARLEY, Manufacturing Chemist,
PERTH, Scotland.

BONUS OFFER

TO ALL CHEMISTS:

For every Carriage-paid Order of 3 doz. Harley's Three Salts, received from Saturday, Feb. 15, to Saturday, March 1, 1919, six of the packets will be sent **free** for a 14 days' Window Display.

3 doz. **19/-**, sent for the price of 2½ doz. **15/10**.

Cash with Order.

The Original
**HARLEY'S
THREE
SALTS.**

Trade Mark Regd.



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Established 1900.

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For **GREEN EXTRACTS** and **DRIED HERBS**
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THE SAFEST AND BEST PREPARATION OF OPIUM.

In consequence of the great increase in the price of Opium we are reluctantly compelled to advance our prices as follows:—

NEPENTHE 12/- per lb. **DOUBLE STRENGTH NEPENTHE** 24/- per lb.
GLYCEROLE OF NEPENTHE 6/- per oz.

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The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No substitute may be dispensed when "Nepenthe" is ordered in a prescription.

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CELLOPHANE

is pure Cellulose, absolutely air, grease, and odour proof, strong and pliant, unexplosive, unaffected by cold, heat or moisture.

The best Substitute for Gelatine and Tinfoil.
An ideal wrapping for Drugs, Perfumery, Confectionery, Provisions, &c., and all articles of Toilet.

Will keep your Goods, Boxes, Bottles, Labels, &c., clean.

Can be had plain transparent, coloured and embossed.

Also in the shape of **Discs** for Creams, Ointments, Boot Polishes.

CELLO-DRESSINGS.—A perfect and sterilisable dressing and packing medium for Bandages, Surgical Dressings, Instruments, &c.

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SPECIAL OFFERS:

Absorbent Cotton Wool, 1/9 per lb.

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having been released from a number of their large Government contracts, announce to the Trade that they are in a position to give prompt delivery of Standard and other Ever-Ready Batteries. If you have not already obtained one, kindly write for our new catalogue with latest prices—just issued.

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COTTON WOOL 1/11 per lb.

In 1-cwt. lots; 56-lb lots 2/- per lb.

Nice and white, absorbent, interleaved, 1-lb. rolls
Carriage paid, cash with order, in 1 cwt. and 56-lb. bales.

Wrappers 3/6 extra, returnable. Sample for p.c.

A satisfied client writes: "The wool seems excellent value."

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PURE DRINKING WATER.

The Pasteur Chamberland Filter.

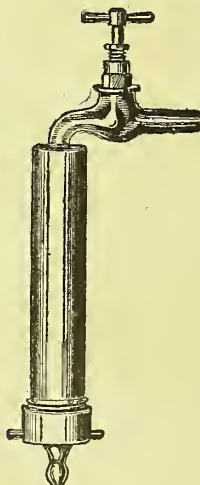
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9/- dozen tins—sell at 1/- per tin—half-gross lots carriage paid—sample dozen, carriage paid for cash 9/6—new customers cash with order.

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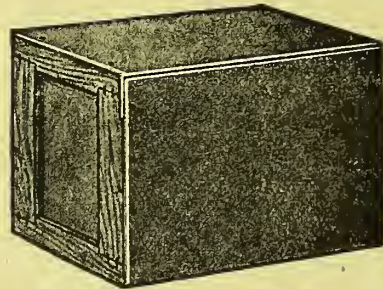
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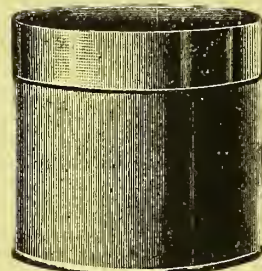
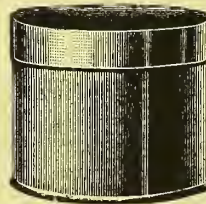
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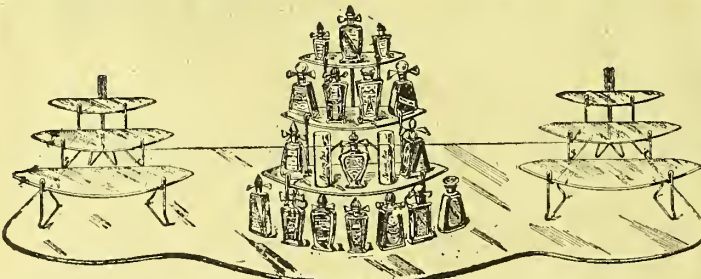
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During this month we are posting 200,000 circulars to
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Many of these are your customers.

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ONE SIZE, ONE PRICE. RETAILED AT
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1 DOZ. AND 3 DOZ. CASES FREE
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Our best cash with order, carriage paid, prices are:-
1 dozen 26/- 3 dozen 25/- per doz. 6 dozen 24/- per doz.

Write now for particulars of new 5 per cent.
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Stocked by most Wholesale Houses.

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Sold everywhere at the popular price—3d.

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13 to the dozen for Cash with Order.

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13 doz. Tablets, with Advertising Matter, 23/6, less 2½%
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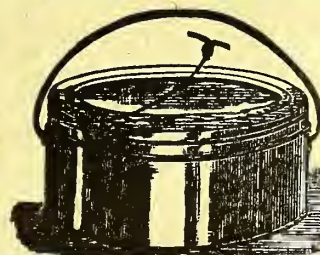
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Please send some
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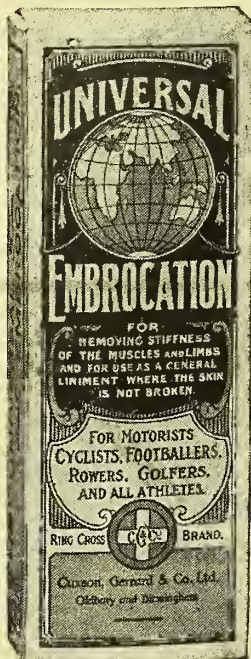
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Turpentine, Acetic Acid, and
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No. 673. 4-oz. bottles **8/6** per doz.
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In bulk **12/-** per gallon.**Gross lots printed with customer's name.****CUXSON, GERRARD & CO., LTD.,****Manufacturing Chemists, OLDBURY.****Enolin****TOOTH PASTE****"STRONG" OR "MILD"****The Super Paste.**

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Price Lists, Show Cards and particulars of our
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SOTOL ANTISEPTIC MOUTH and THROAT and Nasal Douche. **WASH**

IN CONVENIENT TABLET FORM.

Pharmacists make £4 12 profit on an outlay of £9 16s. as under:

6 doz. 'SOTOL' (40's) cost £3 16s. net yielding £1 1's. profit
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or by accepting the special 'Sotol' Window Display offer
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Specialise in Ampoule Filling.**CHEMISTS' SPECIAL FORMULÆ PREPARED
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SEND FOR PRICE LIST.**We Develop Films and post back Next Day
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Please send cash and orderings.	

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A pleasing Mineral Aperient & Tonic.

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"EUSALAX" is a careful and scientific combination of the beneficent mineral salts of some of the most famous Continental spas. It is one of the greatest solvents of Uric Acid, a natural stimulant to the liver, kidneys and intestines, and a sure blood purifier.

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"ABDINE" is the most popular Health Drink. Superior to all Mineral
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1 oz. & 1 lb. bots.

ASPIRIN
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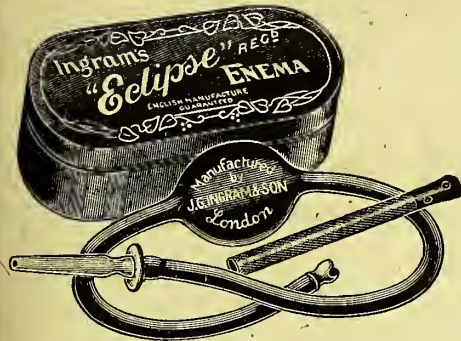
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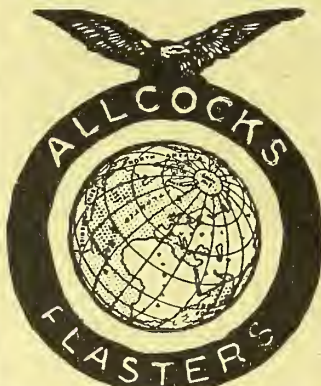
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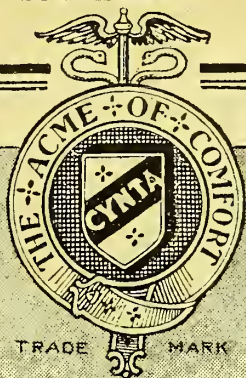
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31/3 per gross.**TO THE PUBLIC.****1/6****2/-****2/6****3/3 per packet.**

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Heavy weight	each	4 0	4 4	4 8	5 0	5 6	6 0	6 3	7 0
Light " " " " " "	"	3 10	4 2	4 6	4 9	5 3	5 9	6 0	6 6
Covers, scarlet or grey plush	"	1 4	1 6	1 9	1 0	2 0	2 6	2 8	3 0

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5% discount allowed for prompt cash off above prices.

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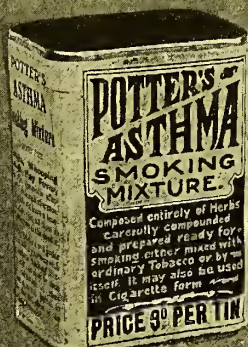
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"YADIL" ANTISEPTIC has been used successfully in Hospitals and Private Medical Practice for nearly two years.

"YADIL" ANTISEPTIC is entirely British. It is not an adaptation of some German Antiseptic, but the original product of a British Laboratory.

"YADIL" ANTISEPTIC can be obtained through any *bona fide* Wholesale Firm. By ordering through their Wholesalers, Chemists will save trouble and expense.

"YADIL" ANTISEPTIC is supplied in the following forms:

"YADIL" ANTISEPTIC (Liquid).

Sizes	....	2 oz.	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail Prices		1 6	3 0	8 9	16 0	30 0	55 0

"YADIL" ANTISEPTIC JELLY.

Sizes	....	8 oz.	16 oz.
Retail Prices		4 6	7 6

"YADIL" ANTISEPTIC OINTMENT.

Sizes	....	1 oz.	8 oz.	16 oz.
Retail Prices		1 3	7 6	14 0

25% Discount off Retail Prices, except on 80 oz. and 160 oz. sizes.

20% " " " on 80 oz. and 160 oz. sizes.

As "YADIL" ANTISEPTIC is now prescribed daily in cases requiring immediate administration, Chemists would be well advised to order for stock at least one or two each of the smaller sizes. This small stock would enable them to fill prescriptions without delay. "YADIL" ANTISEPTIC will prove a live line to Chemists, *and they should inform their assistants of its existence.*

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High-class Dispensing Business, suitable for partnership; over £4,000 last year; well-appointed Pharmacy, fully fitted; price to be agreed equitably.

LONDON, W.—General Retail, with some Dispensing, and a reliable Photograph; no N.H.I.; returns show a steady increase, last year's turnover being between £1,350 and £1,400; profit 42½ per cent.; lock-up shop; no immediate opposition; scope for increase; also Dentistry or Optics; terms, £100 valuation of stock and fixtures.

LONDON, W.—Good-class Business, Dispensing and Retail, in centre of excellent residential locality; returns about gross profit 50 per cent.; well-appointed shop; large residence held on lease; to effect a speedy transfer no reasonable offer will be refused.

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LONDON, N.W. (Main Thoroughfare).—Good middle-class and Dispensing Business; returns show a steady increase; last year £1,450; gross profit £750, and net £350; fitted shop, in excellent condition; roomy house; bathroom; entrance; small garden; no immediate opposition; price about value of stock and fixtures.

8.—HERTS.—Good-class Retail and Dispensing Business; established 1854, and held by vendor upwards of 20 years; returns under management, last year about £800; small residence; good garden; rent £40; no immediate opposition; price £300.

9.—KENT.—Unopposed Business, comprising good-class Family trade, with general country Retail; returns average £1,200 per annum; net profit approximately £300; comfortable residence; rent £40; held on lease; price £600.

10.—WESTERN COUNTY.—For immediate disposal, good-class Family Retail and Dispensing Business, with Photographic branch; the concern has been established upwards of 60 years, and held by vendor 43; now retiring; returns last year £1,764; gross profit £541; roomy house; price about £1,000, or valuation terms would be considered.

11.—WESTERN COUNTY (Health Resort).—Good-class Business for disposal through death; returns between £1,200 and £1,300, with scope for extension; well-fitted shop and large residence; rent £55; for an immediate sale, less than the value of stock and fixtures will be accepted.

12.—POPULAR HEALTH RESORT (S.E. Coast).—Well-established Business; returns during next year should be about £1,500; present rate £1,000; the business is situate within easy distance of the sea; valuation terms entertained.

13.—KENT COAST.—Good middle-class Business; Dispensing, Prescribing, and Photographic; established 50 years; returns £900; present rate, owing to neglect, £550; comfortable residence; rent £45; price £350; excellent opening for an energetic man with small capital.

14.—KENT (Busy Market Town).—Very old-established Business; returns, present rate, between £30 and £40 weekly, under management; double-fronted shop; good selling window; house has six rooms; nice garden; rent £42 10s.; valuation of stock and fixtures will be accepted.

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T.—Good-class country Business; established 1850; nice house; short hours; easily worked; unopposed; pleasantly situated; double-fronted shop, well stocked; premises held upon moderate rent; rates and taxes low; returns £1,350; highly genuine concern; open to every investigation; owner's trade entirely. Apply 247/20. Office of this Paper.

T.—Village Pharmacy with house and garden; total rent £28; in best fruit district; leasehold; no opposition; returns £1,800; established 30 years; excellent stock; small Wholesale patents can also be included, and this with moderate rent will be a living alone; both easily worked; owner going; price for all £700; a bargain of bargains for quick sale; every investigation invited; 10 years' complete records. 275/22, Office of this Paper.

OLNSHIRE.—Unopposed Mixed country Retail, with grocery; returns £2,500 at good prices; house and shop, 30; price, fixtures and fittings, £200; stock at valuation, £400; an excellent opportunity for unqualified man. Apply 271/8. Office of this Paper.

LONDON, S.E.—Increasing Cash Retail; last year's returns £500; rent £46; established 13 years; no N.H.I. at present, scope for same; no opposition; comfortable house, corner; private entrance; small garden; closed Thursdays; price part could remain. Edwardes, 2 Staplehurst Road, London, S.E. 13.

LONDON, W.—Small genuine Business in high-class neighbourhood; great scope for energetic management; low price for quick sale. Apply 270/12, Office of this Paper.

OLDHAM.—Chemist's Business for disposal; at present under unqualified management; splendid opening for qualified man; ill-health chief cause of leaving. Address 273/29, Office of this Paper.

WARWICKSHIRE.—Very sound Business; good residential neighbourhood and position; returns last year £1,875; large sale of Proprietaries; opening for Dentistry and Optics; roomy house. Apply 273/20, Office of this Paper.

YORKS (WEST RIDING).—Excellent corner position in busy main thoroughfare of large industrial city; for immediate disposal, a good Mixed Business; all cash, no credit; several good specialities; also property for sale if desired; owner retiring owing to advanced age; price £2,300; banker's reference will facilitate business. Apply 268/29, Office of this Paper.

BUSINESS for sale; value stock and fixtures £175; only expense, rent 12s. 6d. weekly; 21 years' lease; cash weekly £10; N.H.I. monthly £8; no repairs; splendid fittings; sound reason for disposal; value square. Apply 236/25, Office of this Paper.

FOR immediate disposal, Chemist's Business at Greenhithe, Kent; sole business in vicinity; closed temporarily owing to death of proprietor; Dispensing practice under Insurance Act; low rental; lease can be arranged; price £150. Apply Parkin & Booth, Accountant to the Association of Manufacturing Chemists, Ltd., 32 Kimberley House, Holborn Viaduct, E.C. 1, and 2 Bixteth Street, Liverpool.

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1.—WEST OF ENGLAND.—For early disposal, two good-class Dispensing Businesses, together or separately; turnover £5,000; net profit about £1,100; price £1,400 and £1,200 respectively, or small goodwill and valuation.

2.—MIDLANDS.—Well-established Wholesale and Retail Business for sale through ill-health; returns average £6,500; plenty of scope; low rent; on lease; books audited, and every investigation courted; price £5,500.

3.—ESSEX COAST.—Select Retail Dispensing and Photographic Business in best position; returns last year £1,370; net profit £422; pre-war returns £1,800; good house and Pharmacy; price £100 and valuation; in all about £850; personally recommended.

4.—HOME COUNTY.—Good-class Retail and Dispensing Business; ill-health sole cause of sale; returns £1,060; net profit £428; good house and garden; modern well-stocked Pharmacy; price £750.

5.—KENSINGTON (Death Vacancy).—Good-class Dispensing and Light Retail; under management; returns about £700; was doing £1,250, and can again; well-fitted Pharmacy and good stock; price for quick sale £450, or near cash offer; worth attention.

6.—LONDON (Western Suburb).—Light Retail Dispensing and Photographic Business; returns over £1,350; net profit, about £500; large handsomely fitted shop, fully stocked; price £800, or £100 and valuation; trial can be had.

7.—LONDON SUBURB, S.E.—Very profitable suburban cash Retail; no Panel or Dispensing; returns £2,000; net profit £700; splendid position; well fitted and stocked; owner retiring; price £1,500.

8.—LONDON (Essex Suburb).—Profitable light middle-class Cash Retail; practically unopposed; returns over £1,000; net profit £456; books properly kept; well fitted and fully stocked; price £650.

9.—LONDON, S.E.—Light Cash Retail, under Manager; returns £520; profits half; plenty of scope; lock-up shop; low rent; price £175.

BUSINESSES WANTED.

We are in immediate want of sound concerns returning from £700 upwards; town and country; cash buyers waiting; intending vendors are cordially invited to correspond. Terms on application. Established 1870.

PARTNERSHIPS.

ACTIVE Partner wanted by small Manufacturing concern (Proprietaries), who have a large and steadily increasing number of customers; applicant must be experienced, and able to introduce new lines. In replying, please state references and previous occupation. Apply 271/270, Office of this Paper.

PARTNER wanted in growing, well-established business in West of England, where opportunity occurs to acquire a neglected but promising seaside business as a branch; plenty of scope for increase, with energy and capital. Apply 268/27, Office of this Paper.

PARTNERSHIP wanted in sound business; with or without opportunity for X-Ray work, etc.; or in Wholesale, Manufacturing or Sundries, or where services of experienced Chemist could be utilised; capital £500 to £1,000. Apply 271/5, Office of this Paper.

PARTNERSHIP wanted, with a view to purchase in a few years; seaside preferred, but not essential; capital £1,000; plenty of energy and experience; high-class or good middle-class businesses only. Apply 244/24, Office of this Paper.

PARTNERSHIP.—Proprietor of Retail Pharmacy requires Partnership in Wholesale Druggists' or Druggists' Sundries business, where few hundreds would secure active position; established business only considered; Manchester district preferred. Full particulars to 272/29, Office of this Paper.

WORKING Partnership wanted; would invest £300; unregistered; age 48; well up in the trade; 30 years' experience; South Coast preferred, but not essential. Apply 268/23, Office of this Paper.

£4,000—DIRECTOR required to take sole financial control of a very old-established business of Surgical Instruments and Druggists' Sundries; books audited by chartered accountants. Apply 264/15, Office of this Paper.

BUSINESSES WANTED.

LONDON.—Cash Drug Store Business, with scope for expansion; must show net profit of £500 or £600. Full particulars "Aspirin" (269/17), Office of this Paper.

A GENUINE Business in good country or coast town; local Sussex, Surrey, Kent, or Hampshire; Pharmacy must accommodate, and good storage room; pre-war net profit at least £550 after paying Assistant; or a neglected concern would be considered; banker's reference. Address "Pharmacist," Osbo House, Heath Street, Stourbridge, Worcs.

A SOUND Cash Retail Business wanted, situated Midlands South of the Tweed, with or without N.H.I. Dispensing must be doing about £1,000 or more; reasonable living accommodation required; must bear strict investigation. Full particulars to 272/21, Office of this Paper.

A THOROUGHLY sound and progressive Business wanted, with a good turnover, in or near Manchester; must be able to bear the strictest investigation; cash waiting. Please give full particulars, which will be treated in confidence, in first letter "Duco" (271/13), Office of this Paper.

A DVERTISER requires good sound Cash Drug Stores, with scope for Optics and Photo; country or seaside preferred with good living accommodation. Please state full particulars and price for cash (replies strictly confidential), 272/16, Office of this Paper.

BUSINESS wanted (cheap) in busy working-class district, with management with view to succession. Apply "Pat" (268/3), Office of this Paper.

CHEMIST desires Managership; view early succession; good-class Retail ready-cash business; Manchester or Lancashire preferred; elderly Chemist wishing to retire please note; Drug Store suitable; must have good population round, and bear strict investigation; net profit at least £500 per annum. Reply, in confidence "Chemist," 82 Birch Street, Ashton-under-Lyne.

GENUINE Cash Retail (without N.H.I.) required in any London district; house attached preferred. Vendors please send full particulars, in strict confidence, to 271/34, Office of this Paper.

GOOD-CLASS Cash Retail; £3,000-£5,000 turnover; suitable partnership; one where owner wishes to retire and would give good introduction preferred; £1,500 cash ready; north town preferred, but good country business not objected to; scope for Optics and Photographic trade. Apply 267/11, Office of this Paper.

NEGLECTED Business wanted (cheap), with plenty of scope for increase, low rent, or Manager, with view to succession on easy terms, or partnership entertained. Please send full particulars to "Chemist" (273/17), Office of this Paper.

READING OR BANKS OF THAMES.—Wanted, good middle-class Retail and Dispensing business, with some Prescriptions, no Dentistry or Optics; little or no N.H.I. Apply "Interview" (257/33), Office of this Paper.

WANTED, good-class Business in West-End district (Marybone or Paddington preferred), showing net profit £600, at least. Apply, with particulars and price, to 272/6, Office of this Paper.

WANTED, management of business by elderly married Chemist with view to succession on easy terms. Please state full particulars, in strict confidence, to "Kundem" (271/2), Office of this Paper.

TO LET.

SHOP with basement; unique for Chemist; best position in Nelson (50,000 population), Lancashire, opposite tram terminus; trams radiate from this point through population 250,000. Apply Watson, Landless & Pearce, 2-4 Nicholas Street, Burnley.

APPRENTICESHIPS.

WANTED to apprentice, a youth, age 16, just left school where he would have a good home, and where a sound knowledge of the business would be gained. Please give full particulars to Hillcrest, Crover Road, North Walsham, Norfolk.

AGENCIES.

ELGIUM.—English firm, established in Brussels, solicits sole Buying Agencies for first-class bona-fide Manufacturers of goods interesting Chemists, Druggists, and Perfumery trades; Capital at present in London. Box 148, W. H. Smith & Son, Glasgow, London, W.C. 2.

ELGIAN firm, having good connections with large buyers, desires Agency in Belgium for alimentary products, Spices, etc. Apply to Van de Walle, rue de l'Evêque 48, Antwerp.

ELGIAN Druggist and Herb Exporter, owner of warehouses, carts, and horses, desires to come to agreement with English and Chemical Manufacturers to represent them in Antwerp on commission, with or without dépôt. Address 211/20, Office of this Paper.

GLISTOL AND 50-MILE RADIUS.—Buying and Commission Agent, calling upon Wholesale and Retail Chemists, etc., to accept sole Agency for good selling Proprietary line; local office, staff of agents, and facilities for handling large consignments; highest references. Apply 264/14, Office of this Paper.

ANCE, BORDEAUX, AND SOUTH-WEST.—Representation of good firms wanted by French Chemist; commission basis. Apply to Teyssier, 301 Cours Balguerie, Bordeaux.

OLLAND.—Advertiser, who has had over 15 years' experience in Wholesale Pharmacy, and has a sound connection among dealers and exporters of Drugs, Chemicals, and allied products. Holland, is open to take up a few Agencies for well-known firms; highest trade and financial references. Address 48, Office of this Paper.

OLIA.—Wanted to represent an English Wholesale Drug house in India for Crude Drugs, Galenicals, packed goods, etc.; already well-established as Agents for certain Proprietary preparations; could also take a patent food; have our own travellers; reference, National Bank of India, Bombay and London offices. Replies to E. Stella & Co., Bombay, India.

OLLAND worked thoroughly by advertiser carrying two well-known Proprietary lines, who desires to take up another line or agency on commission or otherwise; commands the extensive and personal connection possible with both Wholesale and Retail Chemists and Druggists. Reply to "Influence" 1/8, Office of this Paper.

ENTS wanted to push old-established Toilet specialties as a side line; liberal commission; kindly state goods already being, duration of connection, exact ground, and references. Apply 41/39, Office of this Paper.

ENTS wanted for first-class selling novelty in Hair preparation; good discounts; splendid opportunity for pushing men. Apply 275/7, Office of this Paper.

MILLE HONHON, 10 rue Leys, Brussels, broker, specialising in Drugs and Chemicals, well introduced in Belgium and the rest of France, desires to represent British firms dealing in pure industrial Chemicals, pure and fatty products used in Pharmacy and the Drug trade, Acids, Essential Oils, etc. References to or from Ch. Delacre & Co., Brussels.

FIRST-CLASS Dealer in Chemicals wants representation of Benzoate of Soda, Benzoic Acid, and Salicylic Acid; is also for own account. Reply under J. U., 13,018, Adv. Ag., D.Y., Amsterdam.

NTLEMAN, with established London connection, would accept sole agency for reputable firm; buying or commission. Apply 31, Office of this Paper.

AVING discovered infallible cure for all Skin Diseases on human beings or animals, wish to put Ointment and Lotion market. Will any reliable Wholesale house, willing to take apply and advertising, communicate direct to Mr. Horsfield, 11 Lodge, Northenden Road, Sale, Cheshire.

RGICAL INSTRUMENTS, 'DRUGGISTS' SUNDRIES.—Advertiser, who has established connection United Kingdom, is to accept Agencies, buying or selling. Address 271/7, Office of this Paper.

RGICAL INSTRUMENTS AND DRUGGISTS' SUNDRIES.—Advertiser, with extensive connections with Wholesale and Retail Buyers, is open to take sole selling Agencies for any line of interest to this market; large stock rooms and offices in London. Apply 271/35, Office of this Paper.

ANGLO-FRENCH DRUG CO., LTD., desire to inform the trade that they have opened a Branch in Paris with large rooms. They are therefore now in the position to offer unique experience in introducing British goods and Specialities into France, and would be pleased to receive proposals as to Agencies. The Company would also act as buyers in London for British and Colonial firms on a small commission basis. Agents, etc., which will be treated confidentially, to be sent to the Head Office, Gamage Buildings, Holborn, London, E.C. 1.

WANTED, Agencies by Birmingham gentleman for the Midlands, in Drugs and Toilet requisites, calling on Chemists, Dressers, and Stores. Apply 272/36, Office of this Paper.

FOR SALE.

CHEMIST'S Counters, straight and angle, mahogany tops, cases in fronts; Dispensing Screen complete; Wall Shelves and Drawers; Desk and Case; specimen Case, suit Optics; Sponge Case, marble top; Window Enclosure, with embossed plate-glass and lead lights, by Maw, Son & Sons; comprising the whole of fittings to double-fronted shop. A. W. Whitaker, 19 The Grove, Ilkley.

FACTORY for sale; ten miles north from city; Great Eastern line; about 4,300 ft. floor space and three living rooms; gas and water laid on, large shed, and half-acre land for extension, including valuable shop frontage to main road; no restrictions; suitable for Chemical or Food Factory; price £1,250 for quick sale. Address Box 1,475, Willings, 125 Strand, W.C. 2.

FOR Sale, Optical Trial Case, 48 pairs sph. lenses (mounted), as new, in leather case, £5 or offer; also over 2 gross ass. Lenses in case. Apply 6a Claremont Terrace, Blackpool.

FOR Sale, Pill Ovarying Machine, complete, with wooden feeding platform and four sets of rings for different size pills. Apply 272/23, Office of this Paper.

NATIONAL Cash Register; total adder; number of customers; tape register and coin exhibitor; as new; purchased 1917. Owner called up after purchasing, now killed; never used; worth £85; accept £55; carriage, packing, 10s. extra; purchased from widow; no offers. Macallister, 34 Lees Road, Oldham.

OLIVE Oil, finest Spanish, cream quality, 10 2-gallons, 30s. gallon; Honey, Australian, 4 60-lb. tins, 190s. cwt. Walters, 52 West Street, Oldham.

TABLET Drying Cabinet; offers wanted; outside measurement, 21 by 13 by 16 inches; three trays; gas pipe with 10 jets. Apply 271/14, Office of this Paper.

WHAT offers? Siemen's Radiogene, containing 1 milligram pure Radium Bromide. Fowler & Co., Chemists, Redhill.

15 GROSS 4½d. tins Vaseline; part or whole. Apply 268/37, Office of this Paper.

12 WINCHESTERS Inf. Senegae. Conc., i. to viii., at 4s. 6d. lb.; one W. of 5 lb., carriage paid, for 23s. 3d.; cash with order. John Noble, Pharmacist, 17 Owens Row, London, E.C. 1.

1 CWT. Sodii Sal., B.P., whole or part. M. Blumenthal, M.P.S., 164 Lightbourne Road, Moston, Manchester.

SITUATIONS OPEN.

RETAIL.

ABERDOVEY, NORTH WALES.—Wanted, a qualified Manager for a Light Retail and Dispensing business; house attached; permanency; undeniable references essential. Apply, with full particulars as to experience, salary, etc., to Lloyd, 267 King's Road, Chelsea, S.W. 5.

BECKENHAM.—Qualified Manager, about 30; good salary and prospects; to energetic and up-to-date business man, accustomed to brisk trade. Apply, with full particulars, to Mrs. H. Pain, 70 Beckenham Road, Beckenham, Kent.

BIRMINGHAM.—Qualified Assistant required for quick Cash and N.H.I. Dispensing business; permanency; would suit elderly Chemist if active. Apply 270/242, Office of this Paper.

BRADFORD (NEAR).—Elderly qualified Assistant; easy hours; duties light; permanency. "L. M." (270/24), Office of this Paper.

BRISTOL.—Qualified Manager wanted for Cash Retail, Dispensing (some N.H.I.) and Photographic business, in a healthy suburb of Bristol; hours 8.30 to 8 p.m., Saturday 9 p.m., half-holiday weekly. Apply, stating age, height, salary (house if required), with references and fullest particulars, to F. Moss, 206 Redland Road, Bristol.

BRISTOL ROYAL INFIRMARY.—Assistant Dispenser (male) required as soon as possible; must hold Pharmaceutical Society's qualification; salary £175 per annum. Apply, stating experience, etc., Rees, Pharmacist.

CARDIFF.—Wanted (immediately), Locum for about two months, to assist proprietor in quick cash business, who has just returned from the Army. State terms and full particulars to Robinson, Chemist, 134 Whitechurch Road, Cardiff.

DARLINGTON.—Assistant required; age about 35. Apply, with full particulars, to Waters, Chemist, Darlington.

DERBYSHIRE.—A reliable qualified Assistant required; small middle-class Retail business, with N.H.I.; hours moderate; no holiday or Sunday duty. Salary and recent reference to 274/16, Office of this Paper.

GILLINGHAM, KENT.—Young qualified Manager for Light Retail, Dispensing, and Photographic business; outdoors; February 10th or soon after; hours 9-8, close 1 o'clock Wednesday, no Sunday duty; one with good personality, progressive ideas, and first-class references essential. Apply, stating age, height, salary, etc., to C. E. Beveridge, 7 Railway Street, Chatham.

HULL.—Qualified Manager required for Light Retail and Dispensing business; permanent and progressive berth; interest in the profits offered. "M. C." (270/244), Office of this Paper.

ILFORD.—Wanted, a reliable qualified Assistant in a good-class London suburban business; easy hours and no Sunday duty. Also Junior Assistant. Apply, with usual particulars as to salary required, age, and experience, Newton Wright, Chemist, Ilford.

IPSWICH.—About March 10th, young lady or gentleman, with Dispensing and Counter experience; outdoors. Usual particulars to Stones, Chemist, Ipswich.

KENSINGTON, W.—Energetic Manager for small business; good prospects. Write fully, Howard, 94a Sinclair Road, W. 14.

LIVERPOOL SUBURB.—Qualified Manager required for Dispensing and Light Retail branch; married; live on premises (modern house); must be reliable and energetic. State particulars, salary, etc., A. Shaw, 43 Green Lane, Stoneycroft, Liverpool.

LONDON.—Wanted, qualified Assistant to manage branch; must be smart, active, energetic, and up to date; married; abstainer; Photography, etc.; full particulars, age, two references. Apply in first instance to "S." Belmont Park Pharmacy, Pinner Road, Harrow, Middlesex.

LONDON (CITY).—Required, qualified or unqualified Assistant. Apply with full particulars, or call, B. Hooper & Co., 43 King William Street, City, E.C. 4.

LONDON, E.—Elderly qualified Chemist required for Dispensing and Light Counter work; state age and salary required. permanency. "T. S." (270/240), Office of this Paper.

LONDON, E.C.—Unqualified Assistant, with good all-round Dispensing and general experience, wanted shortly; only capable and willing workers need apply; qualified lady might suit. In confidence please state age, height, experience, salary required, and other usual particulars, "Stramonium" (272/39), Office of this Paper.

LONDON, N.W.—Lady or gentleman, experienced Assistant, for Dispensing. Usual full particulars, by letter, to Mr. E. R. Brickell, Brickell & Jones, 295 High Road, Brondesbury, N.W. 6.

LONDON, N.W.—Part-time Assistant for good-class Retail and Dispensing; mornings 9-1, evenings 5.30 to 8 preferred. Please state salary and full particulars, "Part-time" (273/33), Office of this Paper.

LONDON, S.E.—About March, an experienced Assistant (capable of taking charge), outdoors, permanency, for a good-class family and Dispensing; also an experienced Dispenser; both must have good references. Please state full particulars, experience, age, salary required, to 272/17, Office of this Paper.

LONDON, S.W.—Manager (qualified) for good-class trade; busy Counter work; the position to a live energetic young man with ideas is a good one; profit-sharing basis and £5 per week; permanency. Please state age and experience to "Statim" (270/39), Office of this Paper.

LONDON, W.C. 1.—Wanted, Assistant with first-class Counter and Dispensing experience; outdoors. Apply, personally if possible, to A. Maitland & Co., 8 Torrington Place, Gordon Square, W.C. 1.

LONDON, W.—Competent Assistant (about February 24th), outdoors, to take charge of Dispensing Counter in high-class Dispensing business; must have had good experience, and with a knowledge of Photography preferred. Please state age, height, experience, and salary to H. Dixon, 1 Russell Gardens, Holland Road, Kensington, W. 14.

MANCHESTER.—Westmacott & Son require an unqualified Assistant for Counter work in first-class Pharmacy. State age, experience, and salary required.

MIDLANDS.—A comfortable berth offered to a competent Assistant for Dispensing and quick Retail; one who could take charge occasionally; no Sunday or holiday duty; state age, height, salary required; outdoors. Apply 267/4, Office of this Paper.

MIDLANDS, NEAR BIRMINGHAM.—Qualified Manager, married, required for very progressive quick cash and N.H.I. business; liberal interest in the profits offered to the right man. "B. H." (270/243), Office of this Paper.

NORWICH.—Wanted (immediately), qualified Assistant; outdoors; capable of taking sole charge of mixed business; comfortable post. Send full particulars, salary, and photo if possible to Robinson & Co., Chemists, Norwich.

SOUTH KENSINGTON.—Wanted (at once), lady Assistant Dispensing and Counter work. Apply J. Selley, 202 Ea Court Road, S.W. 5.

SOUTH OF ENGLAND.—Assistant required (male or female) free removal; permanency with good salary. Time White Co., Ltd., Chemists, Portsmouth.

WARNEFORD GENERAL HOSPITAL, LEAMINGTON SPA.—Wanted, competent Dispenser (lady) during absence of Dispenser on war service; board-residence and laundry provided. Apply, stating age, salary, qualifications, experience, to the Hospital Governor as above.

WATFORD.—Wanted, a capable, experienced, unqualified Assistant (outdoors), chiefly for Dispensing and Counter work, neat, accurate, of gentlemanly appearance; used to a good class business; Photographic knowledge an advantage; progressive salary to a good all-round man; state age, height, previous experience, salary expected, when disengaged; undenied references essential. E. M. & M. T. Chater, Chemists, Watford.

WORTHING.—Assistant as Second Dispenser, and to make out Proprietaries; give particulars of experience and salary required. Also Bookkeeper, with experience of Retail Pharmacy. W. Aston, 27 Montague Street, Worthing.

YORK.—Wanted, capable unqualified Assistant, about 30; outdoors; must be a careful Dispenser, and accustomed to a family business. Apply with usual particulars, and stating salary required, to John Saville & Sons, Pharmacists, 4 Goodramgate, York.

A COMPETENT Assistant, well up in Dispensing and general routine, for good-class country Retail. Please state salary required (outdoors), references, and age. Apply "Beta" (273/), Office of this Paper.

A N accurate and competent Dispenser, well up in general routine for good-class country Retail. Please state references, salary required (outdoors), age. Apply Henry Davis, Chemist, 36 Northbrook Street, Newbury, Berks.

A N old-established firm of Chemists, with a county connection, are desirous of securing the services of a competent qualified Assistant; about 25 years of age. Applications, which will be treated confidentially, to be addressed "Pharmacy" (47/2), Office of this Paper.

A T once, qualified Branch Manager for brisk, good-class Retail and Dispensing Pharmacy; must be energetic, experienced, gentlemanly and altogether reliable, and capable Window-dresser. Address full usual particulars (enclosing photo), stating salary required (outdoors), and giving recent references, to Barker & Exors., Chemists, Grimsby.

A SSISTANT wanted (immediately), qualified or unqualified, Manchester district; used to N.H.I. Dispensing. State particulars to "Clinicals," c/o John Quilliam & Co., Ltd., Victoria Bridge, Manchester.

A SSISTANT for good-class Retail and Dispensing, with N.H.I. hours, 8.30 to 3 p.m., Saturday 9 p.m., alternate Sunday 2 hours' duty, and one day off monthly; good prospect for a stable man. Apply, with particulars and salary required, 275/1, Office of this Paper.

B OOKKEEPER wanted (at once); invoices and ledger. Crook Collosols, Ltd., Manufacturing Chemists, 50 Elgin Crescent, W. 11.

C APABLE Assistant for good-class business; chiefly for Retail Counter; energetic Salesman with Photographic experience desirable. Full particulars and salary required, W. H. Maun Chemist and Optician, Taunton.

C APABLE qualified Assistant for the Dispensing Counter (once); must be accustomed to first-class Dispensing. Lewis, Chemist, Ealing, W. 5.

C LEMENT WAIN, Pharmaceutical Chemist, Newcastle-under-Lyme, requires capable, unqualified Assistant for brisk Retail Counter trade. Send particulars.

D OCTORS require single man or woman as Dispenser, etc., live at Surgery, South London; neatness and reliability essential. Please send no testimonials nor photos, and apply letter only, stating age, experience, and salary desired, to 2 Grove Lane, S.E. 5.

D RUG Store Manager for London, E.; unregistered; outdoors; no schedules kept; fixed salary and share of profits; Sunday duty; no Dispensing; comfortable progressive berth; good Salesman looking for a permanency. State in first letter age, experience, and salary expected, to 273/15, Office of this Paper.

F . BRUNT, Chemist and Optician, 56 High Street, Colverton, established 1875, requires a capable Assistant; one able to take entire charge if necessary.

F OR WORKING-CLASS DISTRICT IN LIVERPOOL.—Wanted, qualified Assistant; brisk Counter trade and Insurance Dispensing. Apply 274/24, Office of this Paper.

JUNIOR Assistant required for Dispensing and Light Retail business; outdoors. Also part-time Junior; outdoors. Please state age, height, and salary required. Apply to A. J. Hall, Pharmacist, 51 Fairfax Road, N.W.

JUNIOR or Improver wanted; outdoors. State salary required and all particulars to Jeans, Chemist, Moss Lane West, Manchester.

JUNIOR Assistant for good-class Retail Dispensing and Photographic business; outdoors. State age, references, salary required, and enclose photo, to Godkin, Chemist, High Street, Bridgeway Wells.

ADY Pharmacist to manage branch Pharmacy in country town near Dukeries; girl apprentice kept; comfortable compact shop; short hours; good salary to suitable woman. Usual particulars to E. J. Latnam, M.P.S., Shirebrook, near Mansfield.

OCUM, qualified, London, at once for quick medium-class business. Phone Streatham 1411, or write, giving usual particulars of age, references, salary, etc. to 275/34, Office of this Paper.

ALDEN & CO., 205 Brompton Road, S.W., require well-recommended Junior to assist in Dispensing and Counter; outdoors.

ANAGER required; west suburb, London; Dispensing and Family business. Apply, references, etc., 270/9, Office of this Paper.

ANAGER wanted (immediately) for branch in East End, London; Light Retail and N.H.I. Dispensing; give full particulars and salary required. Apply Noble's Drug Stores, Ltd., 111, 113, Cable Street, E. 1.

ANAGER (qualified) for busy cash business (branch); also Junior Assistant at once. Apply, with full particulars, to J. F. Cole, 2 Commercial Road, Lowestoft.

ESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); hours; good and progressive salary, with excellent prospects; removal.

RT TIME.—Wanted, assistance from 5 to 8 p.m.; must be honest, sober, and thoroughly reliable. Reply, stating salary required, references, etc., "B. K." (274/14), Office of this Paper.

ALIFIED Assistant for Dispensing Counter. Apply, stating full particulars of experience and salary required, Roberts & 76 New Bond Street, W.

ALIFIED Manager required for City business; hours 8.30 a.m. to 6 p.m., Saturday 1 p.m., no Sunday duties. Apply F. W. Truman, 3 Bucklersbury, E.C.

ALIFIED Assistant (lady or gentleman); Light Retail and Dispensing; outdoors; permanency; easy hours; no Sunday; half-day weekly. Apply, with full particulars, J. West, Pharmaceutical Chemist, Teviot Dale, Stockport.

ALIFIED Manager required (immediately) for good-class Dispensing and Retail business in Highbury, Islington; first references essential, and good wages offered to satisfactory applicant. Apply Atkins, East Hill, S.W. 18.

ALIFIED young man (single) required immediately; excellent opportunity for one who is anxious to make progress, be energetic and absolutely reliable. "H. L." (270/241), Office of this Paper.

ALIFIED lady Assistant required for Counter and N.H.I. in colliery village, West Riding of Yorkshire. State full particulars, salary, etc., 272/20, Office of this Paper.

ALIFIED Manager (about 30) wanted for London, who has had experience in modern progressive business; salary a primary consideration to a smart capable man. Please give, in full particulars as to experience, references, etc. Also Junior Stock and Drapery; whole or part time. Apply 273/340, Office of this Paper.

LIEF Dispenser (woman) for Doctor's Surgery in East London; three days a week and alternate Sundays; hours 10, 2-5, 6-9; salary 12s. a day. Write, stating qualifications, to 271/33, Office of this Paper.

QUIRED, qualified Dispenser for a high-class Medical Practice in Streatham; free house, coal and gas; applications invited first-class men with knowledge of bookkeeping; must be quick accurate Dispenser; thoroughly trustworthy. Full particulars experience, etc., in first letter to Mr. Hughes, 20 Streatham S.W. 2.

ORY & MOORE, LTD., Lancaster Gate, W. 2, require the services of a qualified Assistant (male); accustomed to first-Dispensing; outdoors. Full particulars to Manager.

ART Assistant (unqualified) wanted; must be good Counter-man, with knowledge of up-to-date Stock, Toilet, and Proprieties; good Window-dresser, neat writer, and Dispenser; able to keep stock tidy and sufficient, and push a business where it is scope; permanent and lucrative position to good man. Full particulars and salary, 273/16, Office of this Paper.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—Assistant Dispenser, holding Minor qualification (lady or gentleman), required; salary £145 per annum; hours 9 to 5, Saturdays 9 to 1; additional attendances on two evenings weekly until 9, and every third week on Saturday afternoon and for one hour on Sunday. Apply to C. H. Hampshire, Pharmacist.

WANTED, a lady Dispenser (outdoors); easy hours. Apply W. G. Cross & Son, Pharmaceutical Chemists, 70 Marsdol, Sarewsbury.

WANTED (immediately), qualified Assistant; light duties; suit partly disabled soldier or elderly man; short hours. Please state usual particulars to 255/15, Office of this Paper.

WANTED (immediately), fully qualified Dispenser; good wages; live out; permanency. Apply Manager, Junior Army and Navy Stores, Ltd., Union Street, Aldershot.

WANTED, a reliable capable Assistant to manage a well-established branch business under control of Head Manager; qualified; age 25 to 35; preferred married, and wanting to better himself. Apply 12/51, Office of this Paper.

WANTED, Junior Assistant, about to complete his apprenticeship; outdoors; reasonable hours; no Sunday duty, and very little N.H.I. Dispensing. Apply, stating usual particulars and salary required, J. Evans, Chemist, Monmouth.

WANTED, capable and energetic Senior Assistant (qualified) for good-class Dispensing and brisk Retail business; good Salesman, also with knowledge of Photographic; outdoors; hours 8.45 a.m. to 7.30 p.m., close 1-2.15 p.m., alternate Sundays one hour duty; good salary suitable applicant. Apply, full particulars, Collin, Chemist, Market Place, Norwich.

WANTED, competent Assistant; must be smart, quick and reliable, accustomed to good-class business. State age, qualification (if any), salary required, etc., must have undeniable references, Mr. Evans, 17 York Place, Brighton.

WANTED, unqualified Assistant; able to manage. State salary required, photo and references in first letter, and when able to come, W. H. Bowling, Chemist, 44 Diamond Street, Pembroke Dock.

WANTED, unqualified Assistant (lady or gentleman) for N.H.I. and Light Retail; very occasional Sunday duty. Apply personally, Wm. Fox & Sons, Ltd., 109-113 Bethnal Green Road, E. 2.

WANTED by February 24, for good-class Dispensing and Retail business, capable and reliable Assistant (outdoors); good accurate Dispenser essential. Apply, with full particulars, Lloyd, 267 King's Road, Chelsea, S.W. 3.

WANTED, lady Assistant, chiefly for Dispensing, with some experience; very little Counter work. Apply Holmes, 19 Eden Street, Kingston-on-Thames.

£3 10s. weekly, with good prospects, for capable unqualified Assistant under 30; must be tactful Salesman, used to quick cash business; and have highest references; London, S.W. suburb. Please state age, height, and full particulars of experience (with photo if possible), to 274/15, Office of this Paper.

WHOLESALE.

LONDON.—Wanted, Laboratory Hand; must be familiar with the preparation of Galenicals. Full particulars, wages required, to 270/27, Office of this Paper.

LONDON Wholesale Druggists require several hands for Laboratory. Apply, with full particulars of experience, to 46/28, Office of this Paper.

ASSISTANT Perfumer required in the Midlands; one with knowledge of Milling Soap and with Continental experience preferred. "Trefle" (44/48), Office of this Paper.

CHEMIST, qualified preferred, required by small provincial Wholesale house; one desiring a permanency preferred; must be able to control staff, and be well up in the manufacture of Galenicals and Compressed Tablets. State experience, age, and salary required, 43/42, Office of this Paper.

COMPETENT Representative (qualified preferred) to call on Doctors and Chemists in Yorkshire and Lancashire; established connection; good prospects; remuneration by salary and commission. State age, experience, etc., "Confidential" (274/39), Office of this Paper.

COMMISSION Traveller wanted for Wales (Proprietaries). Apply, giving references and full particulars of ground covered, and lines at present carried, to 271/27, Office of this Paper.

COUNTERMAN.—Wanted, an experienced Wet and Dry Counter-man; good prospects. State age, experience, and wages required (letter only) to Messrs. Droffat, 62 Bank Chambers, Holborn, London, W.C. 2.

FOREIGN Correspondent (experienced) for Drug and Chemical Export trade; thorough knowledge of Spanish and Portuguese; able to take charge of correspondence and develop trade. State salary and full particulars, "D. F." (42/39), Office of this Paper.

LABORATORY Hand required to make ordinary Galenicals and Toilet preparations. Apply, stating full particulars of experience and salary required, to Roberts & Co., 76 New Bond Street, W.

LABORATORY hand required; one used to manufacture Galenicals; good prospects. State full experience and wages required, 224/47, Office of this Paper.

LABORATORY Hand required; accustomed to make Ointments, Vanishing Cream, Tooth Paste, Face Powders, etc.; wages Toilet preparations. Apply, stating age, experience, and wages required, to Managing Director, The Standard Tablet Co., Ltd., Hove.

LABORATORY.—Man wanted, strong and capable, with experience in making B.P. Liquors, Ointments, Syrups, etc.; wages 55s. Write particulars of age and previous employment to H. S., Dakin Brothers, Ltd., 82 Middlesex Street, E. 1.

MAJOR man, steady worker, required by distributing firm in the provinces for testing samples and purchases of Drugs and Chemicals; permanency. Please mention age, experience, and salary desired, 270/6, Office of this Paper.

PHARMACIST (lady or gentleman) required, with previous experience in testing of Pharmaceutical Chemicals and Galenicals, Alkaloidal Assay, etc. Apply, with full particulars of previous experience, stating age and salary required, to J. C. Arnfield & Sons, Ltd., Wholesale Druggists, Gadsby Works, Stockport.

PILLMAKER wanted by London Wholesale Druggists. State age, wages, and experience to C. S. & Co., 673 Commercial Road East, E. 14.

QUALIFIED or unqualified man, with literary tastes, required for the compilation of price lists, circulars, and professional printed matter by London firm. Send full particulars of age, experience, previous employment, and salary required to 43/4, Office of this Paper.

REPRESENTATIVE, with sound connection amongst Chemists and high-class Hairdressers, etc., required for North of England to carry a good side-line Proprietary; also one for Eastern Counties; contribution towards expenses and reasonable commission. Apply "L. C." (275/6), Office of this Paper.

REPRESENTATIVES required on commission basis, to carry heavy and fine Chemicals, Oils, and all Photographic Chemicals. Reply, stating exactly what territory covered, etc., only representatives in touch with the trade need apply, 271/12, Office of this Paper.

REQUIRED by large firm of Manufacturing Chemists, Pharmacist to conduct medical correspondence, compile scientific literature, organise propaganda campaigns, control representative staff, etc. Write, stating experience, also salary required, otherwise application useless, 45/58, Office of this Paper.

SECRETARY-ACCOUNTANT wanted; able deal with correspondence and supervise staff; one with knowledge of Confectionery and allied trades preferred; salary £200, rising to £250. Full particulars first letter, stating age, A. Bellamy & Company, Ltd., Womanby Street, Cardiff.

SCIENTIFIC Representatives required by Manufacturing Chemists, to call on medical profession and Chemists in United Kingdom. Particulars of experience and also salary required, otherwise application useless, to 45/580, Office of this Paper.

SOAP and Perfumery Manufacturers require the services of an efficient Traveller with full knowledge of high-class trade, and with established connection in London and suburbs. Replies (which will be treated with confidence), giving full particulars as to age, experience, and remuneration expected, to 46/74, Office of this Paper.

TRAVELLER wanted for East Coast, to call on Chemists with Sundries and Surgical Dressings. Apply Galen Manufacturing Co., Ltd., Wilson Street, New Cross, S.E. 14.

TRAVELLERS wanted by old-established firm, to carry a few good selling side lines in packed Medicinal Capsules; liberal commission; state ground covered. Apply 270/32, Office of this Paper.

WANTED, Traveller (London), having connection amongst Wholesale and Retail Druggists and Perfumers; knowledge of French an advantage. Reply "X. Y. Z." (271/36), Office of this Paper.

WANTED in a London business, an Under Clerk, with knowledge of Spanish and of South American market in relation to Drugs and Chemicals. State age, qualifications, and salary required to Mr. Spandon, 62 Bank Chambers, London, W.C. 2.

WANTED, Representative for house offering Surgical Dressings and Sundries, Toilet and Perfumery specialities, for (1) Ireland and (2) Wales; applicants must be first-class men. Apply 43/64, Office of this Paper.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WOMAN Packer required (at once) for putting up Proprietary articles; must be quick and experienced. Apply to Mr. E. J. Jenkins, 80 Gloucester Road, South Kensington.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

CHINA AND STRAITS SETTLEMENTS.—Senior and Junior Assistants wanted in two old-established first-class businesses qualified; unmarried preferred; age 25-30; good experience indispensable; advancing salary and good prospects; free passage out and home; both appointments are in good climates and pleasant surroundings. Apply Dakin Brothers, Ltd., 82 Middlesex Street, E. 1.

JAPAN.—Wanted (immediately) as Second Assistant, single qualified, and as Fourth Assistant, qualified preferred, in first-class business at Kobe; easy hours; liberal salaries; passage out and home. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

MOROCCO.—Qualified Assistant required for large Stores; must speak and write French; good salary offered to the right man. Apply, with particulars, to "C. J. R." (40/72), Office of this Paper.

STRAITS SETTLEMENTS.—Qualified Assistant, young, and capable of managing Branch Dispensary; four years' agreement; passage paid out and home; salary first year, dollars 25 per month, second and third years dollars 275 per month, fourth year dollars 300 (Straits dollar 2s. 4d.); splendid opportunity for an energetic man; a knowledge of Optical and Photographic work desirable. Apply W. O. H., Burgoyne, Burdidges & Co., Ltd., East Ham, E. 6.

FEDERATED MALAY STATES.—Qualified Assistant required, unmarried; three years' agreement; passage paid out and home; must have good health; salary first year \$250, second year \$275, third year \$300 per month (dollar equal 2s. 4d.); short hours; preference given to one with knowledge of Photographic and Optics, but not essential; advancement for good business man. Apply 47/21, Office of this Paper.

FOREIGN TRAVELLER.—Old-established Toilet Soap and Perfumery house has a vacancy for an experienced Salesman with thorough knowledge of Toilet Soap, Perfumery, and all Toilet preparations; good prospects for a man with connections in overseas markets, who can work these methodically. Replies, giving full particulars, which will be treated confidentially, to 46/74, Office of this Paper.

OPTICAL.—Refractionist, with S.M.C. or B.O.A. diploma preferred, required for high-class British firm in Ceylon; salary 25 to 35; single; excellent opening. Apply, giving full details experience and stating whether Dispensing Chemist, to 47/2, Office of this Paper.

WANTED, qualified Assistant, single, age about 25, for British East Africa; knowledge of Photography and Optics a recommendation; three years' agreement; second-class passage paid out commencing salary £25 per month. Apply, with full address, "Zebra," c/o Tozer, Kemsley & Milbourn, Ltd., 84 Fenchurch Street, E.C. 3.

SITUATIONS WANTED.

Is. for 12 words or less; 8d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

A COLONIAL (unqualified) desires experience; Retail or Wholesale; London or near preferred; three years' Dispensing experience; salary no object. Brown, 39 Oakfield Road, Croydon.

A QUALIFIED Chemist, with good experience, London, Colonial and provincial, desires good position in up-to-date Pharmacy not afraid of work. Replies to 273/401, Office of this Paper.

COUNTANT, Midlands (demobilised), requires additional work; adjustments, scrutinies, trading accounts, balance sheets; weekly, monthly, or quarterly. Letters to "G., Room 79, 11ton House, High Street, Birmingham.

VERTISER, 31, married, unqualified, requires permanency as Manager or Managing Assistant, where good business and conscientious service will be appreciated; thoroughly experienced in management; good Dispenser and Prescriber, first-class Salesman and Window-dresser; knowledge of Photo and Agricultural trade; highest references; a post with plenty of scope for development and initiative desired, preferably with view to interest in the business. Kindly state salary, which must be liberal, to "Progressive" (263/7), Office of this Paper.

N unqualified Assistant or Manager, 33, good all-round experience, highest credentials, wishes to correspond with gentleman requiring same; would live over premises; married; engaged. "S., 3 Market Place, Rugby.

S Assistant Dispenser (lady); unqualified; four years' experience. Apply E. Pinyon, c/o Mr. Radbourne, Upper Lamorne, Berks.

S Manager or Locum; experienced, qualified; 40; disengaged. State outdoor salary, 273/11, Office of this Paper.

S Manager; qualified; experienced. "Linum" (272/22), Office of this Paper.

S Locum, permanency; exceptional experience; good references. "Disengaged," 122a Holland Road, Kensington, 14.

S Locum-Manager or Supervisor (qualified); open for early re-engagement; capable, reliable, and tactful; smart Salesman, and of good address; sound, lengthy all-round experience; Wiltshire preferred, but not essential; country not objected to. Press full particulars (offering best terms), to "Chemicus" (2/28), Office of this Paper.

S Senior Assistant (not London); 33 years; married; quick and accurate Dispenser; good worker; splendid experience references; please state hours of business and salary offered in first letter; would entertain view to succession (unregistered). Apply 263/4, Office of this Paper.

ASSISTANT, unqualified, 30, demobilised shortly, desires berth as Manager Drug Stores; country preferred. Apply 271/10, Office of this Paper.

ASSISTANT; unqualified; married; age 24; good all-round experience and references; tall, smart appearance; disengaged. "Liable," 50 Kingsland Road, Broadwater, Worthing.

ASSISTANT, Manager; 48; 5 ft. 8½ in.; good-class experience; capable, reliable, energetic; references. Apply 268/28, Office of this Paper.

ASSISTANT; 21; unqualified; Lancashire preferred. Communications, Wood, c/o Snell, Chemist, Church, Lancs.

ASSISTANT (unqualified); nearly 20 years' experience in general middle-class Dispensing, Veterinary and Family, and class business; good references; state salary. Apply "G. I." (268/34), Office of this Paper.

ASSISTANT; disengaged; Locum or permanency; experienced, reliable. Farquhar, Lower Farm, Tiffeld, Towcester.

ASSISTANT (unqualified); demobilised; Dispensing and Counter experience. State salary offered and full particulars, Harri-Linchams, Kirkby Stephen.

ASSISTANT or Manager; unqualified; 46; good general experience Counter and Dispensing; permanency preferred; engaged shortly. State salary, 273/32, Office of this Paper.

ASSISTANT, demobilised, age 23, height 6 ft., gentlemanly, excellent experience, desires situation; Liverpool or Manchester; free any time. Apply 274/8, Office of this Paper.

ASSISTANT-DISPENSER; Hall qualification; good reference; Brighton or districts. Address to 21 Upper Market Street, Brighton.

BIRMINGHAM DISTRICT.—Locum; 31; available immediately; qualified. "Chemist," 4 Durban Road, Smethwick.

BLACKPOOR OR NEAR.—Position required on demobilisation; now Dispensing in home Hospital; 28; well experienced; married; Manager with full control buying, etc., before enlistment. Apply 274/9, Office of this Paper.

Bristol district; 23; unqualified; good Dispenser, smart Counterman; thoroughly reliable; highly recommended; disengaged February 8th. "Rhei," Underfall Cottage, Cumberland Road, Bristol.

CAPABLE energetic Assistant, 34, unqualified, married, 19 years' experience, sound knowledge modern business methods, not afraid of work, desires berth where a keen interest in business building would be appreciated; able to manage; Photography, Optics, Dental. Cook, Roundhills Farm, Sutton-in-Ashfield, Nottingham.

CAPABLE Assistant; 24; 10 years' good-class experience; well up in Dispensing; permanency; Lancs or Yorks preferred. Apply 272/30, Office of this Paper.

COMPETENT Assistant (30); unqualified; expert Dispenser; courteous Salesman; 15 years' experience; country or seaside; disengaged February 24, possibly earlier. Reply to "Avalin" (272/32), Office of this Paper.

DEMOKILISED; age 26; Retail or Wholesale; good all-round experience; Dispensing and Photographic. Chant, 9 Townshend Road, St. John's Wood, N.W. 8.

DEMOKILISED desires position as Manager or Assistant at Drug Stores; good Prescriber, Extractor; experience and references; 35; married; 5 ft. 9 in.; unqualified. 65 Maydwell Street, Camberwell.

DEMOKILISED, seventeen years' experience Wholesale and Retail, wants position of trust where energy and initiative are required. "Fifty-first Division" (267/27), Office of this Paper.

DEMOKILISED Officer-Cadet requires temporary position as Assistant (Prelim.); five years' experience in good-class Dispensing and Counter; excellent character; state salary. "Cadet" (274/20), Office of this Paper.

DEMOKILISED Officer; M.P.S.; 28; abstainer; highest references; permanency, with good prospects. Apply 274/220, Office of this Paper.

DEMOKILISED, 32, married, unqualified, good all-round Retail experience, desires change to progressive position in Works or Wholesale. Apply 274/28, Office of this Paper.

DISCHARGED soldier; 20; unqualified Assistant; Optical knowledge; evenings and Saturdays; London or district. 108 Glebe Road, Norwich.

DISENGAGED; qualified; 43; Locum or permanency. "Chemists," 8 Princess Road, West Ealing.

DISPENSER, Hall, woman, seeks post with Chemist or Institution in or near Bournemouth; immediate. Apply 268/24, Office of this Paper.

DISPENSER, Hall (lady), with Counter experience, desires temporary post, any part. "N. B.," 1 Crutched Friars, London, E.C. 3.

DISPENSER; unqualified; eighteen years' all-round experience with Chemists and Doctors; *qualified in America*; type-writing, bookkeeping. "Indian Gentleman," 12 Torquay Street, Paddington, W. 2.

DISPENSER (lady) requires post with Doctor at once; London preferred. Apply 274/5, Office of this Paper.

EXPERIENCED Dispenser; disengaged; qualified 1909; daughter of medical man; references 3½ years and 1½ years. "A. W.," 2 Rosedale Terrace, Dalling Road, Hammersmith.

EXPERIENCED Locum disengaged; elderly; abstainer; references; unregistered. "Statim," 19 Chapel Street, Uxbridge.

GENTLEMAN requires position as Manager or otherwise of light business, with easy hours; elderly, but very active, with wide business experience; methodical, reliable, qualified. Offers (terms must be stated) to "M.P.S.," 8 St. James Road, Southampton.

HIGHLY SUCCESSFUL qualified Manager, with £500, requires engagement where he may invest the amount with view to early succession. Apply 272/8, Office of this Paper.

IMPROVER (Newcastle-on-Tyne); demobilised; 20; capable; Counter, good Dispensing and Photographic knowledge. Apply 267/6, Office of this Paper.

LADY Dispenser, free mornings and three evenings weekly, wants post with Doctor or Chemist; London or suburbs. Address "E.," 89 Kingscourt Road, Streatham.

LADY Dispenser-Bookkeeper (23), Hall, desires post with Doctor; country town or London suburbs; experienced. Address "S.," 24 Midmoor Road, Wimbledon, S.W.

LADY Dispenser (Hall) desires change; Doctor or Institution; excellent references; in or near Leicester. Apply 270/13, Office of this Paper.

LADY, 27, qualified Chemist, with knowledge of theoretical Optics, requires situation with Optician or Chemist-Optician, with a view of gaining practical experience in Sight-testing. Apply 271/26, Office of this Paper.

LADY Dispenser (Hall) requires post with Doctor or in Hospital; competent, methodical, and experienced; London preferred. Apply 267/18, Office of this Paper.

LADY Dispenser (Hall), lately qualified, desires post with Doctor or Hospital for preference, but would take post with a Chemist. Miss E. Purser, 20 Charleville Circus, Sydenham, S.E. 26.

LADY Dispenser (Hall), experienced, requires post with Doctor (no bookkeeping; Hospital Assistant or Institution; S.E. or S.W. district. Peto, 126 Oakfield Road, Penge.

LADY Dispenser, Hall certificate, requires post with Doctor in or near N. London. Davis, St. Saviour's Church House, 56 Hyde Road, Hoxton.

LADY, daughter of a late R.E. Officer, desires an engagement as Dispenser and Secretary; London or suburbs preferred; seven years' experience; highest reference. Miss Dawson, 6 Heybridge Avenue, Norbury, S.W. 16.

LADY Dispenser (Hall) desires post; one year's experience with Chemist; Ealing or Acton district preferred. Apply 274/10, Office of this Paper.

LOCUM or Manager; qualified; age 36; all-round experience; absolutely reliable; excellent Salesman; references; disengaged. "Fontaine," Drummond Road, Skegness.

LOCUM; qualified; one or two months; 31; active; enclose stamped envelope. Apply Howson, Glenroy Cottage, Argyll Road, Longton, Staffs.

LOCUM Tenens; disengaged February 15th; experienced. "L. T.," 94 Llewellyn Street, Pentre, Glam.

LOCUM OR EMERGENCY ASSISTANT.—Burton Middleton, 20 Merton Avenue, Chiswick, W. 4, is now booking engagements as Locum; town or country; no dates vacant between July 22nd and October 4th; willing to act as an emergency Assistant week, day, or hourly whilst engagements permit.

LOCUM or Temporary Manager; qualified; country; 52; disengaged till April; first-class experience and references; energetic. Dewey, 4 Montague Gardens, Wallington, Surrey.

LOCUM (Newcastle-on-Tyne or district).—Major man, 29, married, well known, highest references, wide experience, including Optics, is open to accept engagements in N. England from April-September; early booking advisable; free dates on application. "Flon," 122 Rye Hill, Newcastle-on-Tyne.

LOCUM; good experience; age 52; qualified; excellent references; disengaged. "F. W.," 2 Beresford Avenue, Hull.

LOCUM or permanency; Manager; 42; qualified first-class experience Dentistry, Optics; disengaged! Apply, stating salary, "M.P.S.," c/o Robertson, 163 Camden Road, N.W. 1.

LOCUM; qualified; London or provinces; disengaged. Cito, 4 Blenheim Road, N.W. 8.

LOCUM; wide experience; well recommended; highest references. Apply 274/401, Office of this Paper.

MANAGER or Senior (qualified) disengaged shortly; good all-round experience. "Tube" (271/37), Office of this Paper.

MANAGER or Senior; unqualified; great experience in Dispensing and Prescribing; married; no family. Chemist, 179 Arkwright Street, Nottingham.

MANAGER; unqualified (branch); good Prescriber; best experience; highest references. "Chinosol" (274/4), Office of this Paper.

MANAGER; 20 years' London experience; qualified; abstainer; London or country; Salesman, Organiser. Apply "Push-and-Go" (273/381), Office of this Paper.

MANAGER or Senior Assistant, qualified, good experience London and Provincial, desires position in London or near. Apply 273/4, Office of this Paper.

MANSFIELD OR DISTRICT.—Qualified; 29; five years' present berth as Manager; position as Manager or Assistant; excellent references. Full particulars and salary offered, 244/27, Office of this Paper.

MINOR (lady) desires post with Doctor or Chemist; Hampstead preferred. Apply 271/25, Office of this Paper.

NEWCASTLE or District.—M.P.S. (28) requires permanency; abstainer; excellent experience and references. App 274/22, Office of this Paper.

PART-TIME; qualified; good Dispenser and Counter. App "Anti Gas," 50 Foxley Road, Brixton, S.W.

PHARMACIST Manager; temporary or permanent; experience in all branches; disengaged February 13th. W. Peacock, c/o Lewis Wing, Ltd., Chemists, Galen House, Weston-super-Mare.

PHONE Holborn 4637; Locum, qualified, disengaged; reliable; capable; London districts only. Apply 272/35, Office of this Paper.

PROPRIETOR, just demobilised, wishes to recommend a Manager, who is a thoroughly experienced and live man; excellent Salesman; reliable; M.P.S. Apply 273/380, Office of this Paper.

OFFICER; just demobilised; unqualified; good all-round experience; North London preferred. Write Todd, 63 Lenn Road, Finsbury Park, London, N. 4.

QUALIFIED Manager; reside on premises; married; aged 40; permanency; abstainer; thoroughly experienced; disengaged March 1st; London or suburbs only. Evans, Chemist, Aberdovey.

QUALIFIED Manager; active, capable, and reliable; 20 years' experience London and provincial in all branches. App E. J. Davies, 50 Maesygraig Street, Gilfach, Bargoed.

QUALIFIED (36) desires position as Manager or Assistant with view to early succession; cash terms; excellent references; London preferred. Apply 270/21, Office of this Paper.

QUALIFIED, 23, with high-class Dispensing experience, disengaged, requires situation; full or part time. App 271/261, Office of this Paper.

QUALIFIED; demobilised Sergeant, R.A.M.C.; 33; Dispensing Photography. "Chemist," Chesterton Mills, Cambridge.

QUALIFIED (1906), single, 34, requires post as Assistant or Manager; demobilised shortly; tall, good appearance; address; fine all-round experience in town and provinces; good references; London preferred. Apply 267/13, Office of this Paper.

QUALIFIED (26) desires seaside season berth; married. Please give full particulars, hours, etc., to 264/13, Office of this Paper.

QUALIFIED desires position as Manager; with view to partnership and succession preferred; 37; married; Dispensing Photography, Buying, and Bookkeeping. "Pharmacist," Brampton Road, St. Albans.

QUALIFIED Manager; 32; married; disengaged; accustomed to high-class, modern, busy trade; capable Dispenser, Salesman and Window-dresser; West-End and Provincial experience; excellent references. Please quote salary offered to "Demobilised" (273/14), Office of this Paper.

QUALIFIED Chemist, 33, good-class business experience, requires position as Manager or Senior Assistant. Apply "A. C." (272/33), Office of this Paper.

QUALIFIED Manager seeks berth; London or Suburbs; all-round experience; West-End and Continent; age 50; married, energetic. Apply "Première Classe" (274/40), Office of this Paper.

SOMERSET OR NEAR.—Lady (Hall), two years' experience (Retail and Military Hospital), seeks post; Doctor or Hospital. Dosson, Northfield, Bridgwater.

UNQUALIFIED Assistant; town and country experience; Dispensing, Counter, Extractor. "Alumen" (269/1), Office of this Paper.

V.A.D. WISHES for post as Dispenser; whole or part time; Hall qualification; Manchester district preferred. Apply 270/17, Office of this Paper.

10 YEARS Locum Manager now booking forward engagements. "Major" (271/1), Office of this Paper.

WHOLESALE.

ADVERTISER (Ph.C.) desires post as Works Chemist or Laboratory Manager; London preferred; 20 years' Manufacturing experience, Galenicals, Chemicals, Analysis, etc. H. Johnson, 12 Willoughby Park Road, Tottenham, N. 17.

ADVERTISER, age 40, seeks position as Office, Factory, General Manager; 17 years' complete control manufacturing experience, Proprietary, Medicinal, and Toilet preparations; accustomed to large staffs; undertake from A-Z; would entertain Directors! now disengaged. Apply 259/12, Office of this Paper.

ANALYTICAL CHEMIST (F.I.C.), with wide and exceptional experience in Drugs, fine Chemicals, Galenicals, and Pharmaceutical preparations, English and Continental, marked literary ability, and expert knowledge of French and German, seeks permanent and lucrative position; confidential. Apply "W. J." 4/1, Office of this Paper.

BUSINESS man; young; good Salesman; would travel part-time; used to packing and labelling; good Stockkeeper; actual, honest, and persevering. Woodley, "Warns Cottage," 11 Street, Westerham, Kent.

ABLE energetic Assistant (26) desires post with Wholesale firm; nine years' experience in Laboratory and Wet Room. Apply 270/33, Office of this Paper.

CHEMIST (23), unqualified, owing to service overseas in 1916, desires change from high-class Retail to progressive position in good Wholesale house, with probable future view to position representative; six years' sound experience; alive, possessing energy and initiative; not afraid of hard work; highest references; disengaged shortly. Apply "Radium" (272/31), Office of this Paper.

CHEMIST'S Assistant; 10 years' experience Wet and Dry Counters; capable of managing. Write "J. D. D.," 64 Sisters Lane, Clapham, S.W. 11.

DEMobilised, seventeen years' experience Wholesale and Retail, wants position of trust, where energy and initiative required. "Fifty-first Division" (267/270), Office of this Paper.

ENGAGED; qualified; 45; indoors; or Representative. "Chemicus," 8 Princess Road, West Ealing.

Laboratory.—Young Man seeks position; Grammar School education; knowledge of Analyses of Foods and Drugs; London near. Apply "Aptitude" (274/400), Office of this Paper.

FICER, four years' service, M.P.S., aged 25, single, awaiting demobilisation, desires post in good Wholesale house. Please "R.A.F." (271/9), Office of this Paper.

FICER, recently demobilised, age 26, would be pleased to hear from a good House to represent them in London and on Coast; first-class connection. Apply 2/60, Office of this Paper.

PHARMACIST, with experience in Analysis and Bacteriology, disengaged, requires situation in Laboratory or Manufacturing. Apply 271/260, Office of this Paper.

PHARMACIST, 40, many years' high-class Managing experience, desires position of responsibility with good firm, Wholesale or Retail; energetic and capable. Apply "Activity" 2/38, Office of this Paper.

TABLET-MAKER, competent man, 15 years' manufacturing experience, wants permanent situation; good knowledge of Tablets. Apply 274/17, Office of this Paper.

REPRESENTATIVE, 34 (ex-Service), calling on Chemists, seeks salaried appointment or commission agency; Northern Counties; ten years with last firm (Drugs); irreproachable record references. G. W. Crowther, 3 Ashburton Road, Wallasey, Wirre.

REPRESENTATIVE Pharmacist, 20 years' varied experience, reliable, energetic, desiring change, wishes position as Representative of good Wholesale house. Apply 258/10, Office of this Paper.

REPRESENTATIVE, with sound connection Lancashire, is open for additional Agency; Proprietary, Toilet Articles, Packaged, etc. Apply "Lanes" (273/18), Office of this Paper.

SPECIALITY MANUFACTURERS.—The advertiser, a young man just demobilised, having an extensive experience of hand work in plating specialities, with original ideas, knowledge of the Wholesale and Retail Chemists in the British Isles covering the same as a Representative, able to impart ideas and the art of selling to others, and with sufficient energy in himself to make a position, is desirous of an opening as Manager; no exorbitant salary required, but a commission over and above present turnover absolutely essential; particulars given at interview. Please write "Speciality" (271/28), Office of this Paper.

NOTED by R.D.C. man, about being discharged, position as Chemist's Warehouseman; Wholesale or Retail. Apply 3, Office of this Paper.

YOUNG man (30), of exceptional selling ability, is desirous of representing a reliable house; over 14 years in the trade, holding excellent credentials. Reply "A. C." (267/24), Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

PHARMACIST, 26, ex-Square Student, Lieutenant (Military Cross), just demobilised, desires responsible position abroad; South Africa or Australia preferred, but not essential; limited capital. Apply 266/7, Office of this Paper.

MISCELLANEOUS.

MACADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for sale (free of commission, subject).—500 Claudius Ash 5½% Prefrs., 18s.; 50 Apollinaris £10 Ordinary, 48s. 6d., 50 £10 Prefrs., 88s. 3d.; 330 Plasmon Ordinary, 9s. 6d., 200 Prefrs., 17s. 10½d.; 100 Peek Frean Prefrs., 18s. 3d.; 200 Palmer Candle Prefrs., 15s. 6d.; 300 Natal Ammonium Prefrs., 16s. 3d.; 225 Wright Layman Prefrs., 20s.; 240 A. J. White, 7s. 3d.

Wanted (subject).—Camwall Debentures and Prefrs.; Idris "A" Ordinary, "A" Prefrs., "B" Prefrs., Debentures; 200 Parke's Drug Ordinary, 16s. x.d.; 300 A. J. White, 6s. 1½d.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

CLEARANCE.—Gross Henna Shampoo Powders, 18s. 6d., 1s. 8d. dozen; nine dozen good Tooth Brushes, bone, each 8s., 10s., 11s. 6d. dozen; six dozen ladies' 8-in. Dressing and Rake Combs, each black, white, grey, amber, 10s., 11s. 6d. dozen; single dozens supplied; also 4 dozen gent's Military Dressing Combs, good quality, 8s. 6d. dozen; post free. Aldous, 48 Harpenden Road, West Norwood, S.E. 27.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.O.

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